

CELGENE CORP /DE/
Form S-4
January 22, 2008

Table of Contents

As filed with the Securities and Exchange Commission on January 22, 2008
Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form S-4
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933
CELGENE CORPORATION
(Exact name of registrant as specified in its charter)

Delaware
(State of Incorporation)

2834
*(Primary Standard Industrial
Classification Code Number)*

22-2711928
*(I.R.S. Employer
Identification No.)*

86 Morris Avenue
Summit, New Jersey 07901
(908) 673-9000

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Sol J. Barer
Chief Executive Officer
Celgene Corporation
86 Morris Avenue
Summit, New Jersey 07901
(908) 673-9000

(Name, address, including zip code, and telephone number, including area code, of agent for service)

With copies to:

Robert A. Cantone, Esq.
Henry O. Smith III, Esq.
Proskauer Rose LLP
1585 Broadway
New York, New York 10036
(212) 969-3000

Patrick J. Mahaffy
Pharmion Corporation
2525 28th Street, Suite 200
Boulder, Colorado 80301
(720) 564-9100

Peter H. Jakes, Esq.
William H. Gump, Esq.
Willkie Farr & Gallagher LLP
787 Seventh Avenue
New York, New York 10019
(212) 728-8000

Approximate date of commencement of proposed offering: As soon as practicable after this registration statement is declared effective and the effective time of the proposed merger of Pharmion Corporation with Cobalt Acquisition LLC, as described in the Agreement and Plan of Merger, dated as of November 18, 2007, among Celgene Corporation, Cobalt Acquisition LLC and Pharmion Corporation, attached as Annex A to the proxy statement/prospectus forming a part of this registration statement, has occurred.

If the securities being registered on this form are being offered in connection with the formation of a holding company and there is compliance with General Instruction G, please check the following box. ☐

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration

statement for the same offering. o

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. o

CALCULATION OF REGISTRATION FEE

Title of Class of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price per Unit(2)	Proposed Maximum Aggregate Offering Price(2)	Amount of Registration Fee
Common Stock, par value \$0.01 per share	31,586,420	N/A	\$1,604,982,595	\$63,076

- (1) Relates to common stock, par value \$0.01 per share, of Celgene Corporation, issuable to holders of common stock, par value \$0.001 per share, of Pharmion Corporation, pursuant to the proposed merger of Pharmion with Cobalt Acquisition LLC, a wholly-owned subsidiary of Celgene, as described in this registration statement. The amount of Celgene common stock to be registered is based on the maximum number of shares of Celgene common stock that may be issued pursuant to the merger, assuming that (a) the number of shares of Pharmion common stock outstanding or reserved for issuance to holders of restricted stock units and issuable upon a cashless exercise of vested options to purchase shares of Pharmion common stock immediately prior to the effective time of the merger is 37,737,658 (which does not include shares of Pharmion common stock held by Celgene and assumes the merger is consummated on April 30, 2008) and (b) each share of Pharmion common stock will be converted, at the effective time of the merger, into the right to receive (i) \$25.00 in cash and (ii) 0.8370 shares of Celgene common stock (the highest possible exchange ratio under the merger agreement).
- (2) Pursuant to Rule 457(f) under the Securities Act of 1933, as amended (the Securities Act), and estimated solely for purposes of calculating this registration fee, the maximum aggregate market value is equal to: (a) \$2,548,424,045, the product of \$67.53, the market value of shares of Pharmion common stock (the securities to be canceled in the merger) calculated in accordance with Rule 457(c) under the Securities Act as the average of the high and low prices per share of Pharmion common stock reported on The Nasdaq Global Market on January 14, 2008 multiplied by 37,737,658, the estimated maximum number of shares that may be exchanged for the Celgene common stock being registered, including shares issuable upon a cashless exercise of outstanding vested options to purchase Pharmion common stock and restricted stock units (which does not include shares of Pharmion common stock held by Celgene and assumes the merger is consummated on April 30, 2008), less (b) \$943,441,450, the aggregate amount of cash consideration to be paid by Celgene in the merger.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until this Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

Table of Contents

The information in this proxy statement/prospectus is not complete and may be changed. Celgene Corporation may not sell the securities offered by this proxy statement/prospectus until the registration statement filed with the Securities and Exchange Commission is effective. This proxy statement/prospectus is not an offer to sell these securities and Celgene Corporation is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED JANUARY 22, 2008

**PROXY STATEMENT/PROSPECTUS
A MERGER IS PROPOSED YOUR VOTE IS VERY IMPORTANT**

, 2008

Dear Fellow Stockholder:

We are pleased to inform you that Pharmion Corporation has agreed, subject to stockholder approval and upon the terms and subject to the conditions set forth in the merger agreement, to be acquired by Celgene Corporation pursuant to a merger in which Pharmion will be merged with a wholly-owned subsidiary of Celgene.

You are cordially invited to attend a special meeting of Pharmion stockholders at 8:30 a.m., Boulder, Colorado time, on , 2008 at to consider and vote upon the merger. Only stockholders who hold shares of Pharmion common stock at the close of business on , 2008 will be entitled to vote. You may vote your shares at the special meeting only if you are present in person or represented by proxy.

If the planned merger takes place, each outstanding share of Pharmion common stock will be converted into the right to receive (i) that number of shares of Celgene common stock equal to the quotient determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Stock Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, which we refer to as the measurement price; provided, however, that if the measurement price is less than \$56.15, each share of Pharmion common stock will be converted into the right to receive 0.8370 shares of Celgene common stock and if the measurement price is greater than \$72.93, each share of Pharmion common stock will be converted into the right to receive 0.6445 shares of Celgene common stock and (ii) \$25.00 in cash, without interest. Pharmion stockholders will not receive any fractional shares of Celgene common stock in the merger. Instead, any stockholder who would otherwise be entitled to a fractional share of Celgene common stock will be entitled to receive an amount in cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price.

THE BOARD OF DIRECTORS OF PHARMION HAS DETERMINED THAT THE MERGER AGREEMENT AND THE MERGER ARE FAIR TO, ADVISABLE FOR, AND IN THE BEST INTERESTS OF, PHARMION AND ITS STOCKHOLDERS AND HAS APPROVED SUCH ITEMS AND RECOMMENDS THAT HOLDERS OF PHARMION COMMON STOCK VOTE TO APPROVE AND ADOPT THE MERGER AGREEMENT AND APPROVE THE MERGER.

You are also being asked to approve the possible adjournment of the special meeting if there are not sufficient votes at the time of the special meeting to approve and adopt the merger agreement and approve the merger or if there are insufficient shares of Pharmion common stock present in person or represented by proxy at the special meeting to constitute a quorum necessary to conduct the business of the special meeting.

In light of the importance of the merger proposal, we urge you to attend the special meeting. Whether or not you plan to attend in person, after carefully reading and considering the accompanying materials, please take the time to vote by completing and mailing the enclosed proxy card to us. You may also submit a proxy for your shares on the Internet or by telephone. **Your vote is very important, regardless of the number of shares you own. Whether or not you expect to attend the special meeting, please submit the enclosed proxy card as soon as possible to ensure that your shares are represented at the special meeting. Returning your proxy card will not prevent you from attending the special meeting and voting in person should you choose to do so. If your shares are held in street name by your broker, you should instruct your broker to vote your shares, following the directions your broker provides. Please note that a failure to vote your shares is the equivalent of a vote against the merger.**

The enclosed proxy statement/prospectus provides you with important information about the proposed merger. Please give this information your careful attention. **In particular, you should read and consider carefully the discussion in the section entitled Risk Factors beginning on page 24 of the proxy statement/prospectus.**

Sincerely,

PATRICK J. MAHAFFY

President and Chief Executive Officer

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES REGULATORS HAVE APPROVED OR DISAPPROVED THE TRANSACTION DESCRIBED HEREIN OR THE CELGENE COMMON STOCK TO BE ISSUED PURSUANT TO THE MERGER OR DETERMINED WHETHER THIS PROXY STATEMENT/PROSPECTUS IS ACCURATE OR ADEQUATE. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

Celgene common stock is listed on The Nasdaq Global Select Market under the symbol CELG. On , 2008, the last trading day prior to the date of this proxy statement/prospectus, the last reported sale price per share of Celgene common stock on The Nasdaq Global Select Market was \$. This proxy statement/prospectus is dated , 2008, and is first being mailed to stockholders of Pharmion on or about , 2008.

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS
To Be Held On , 2008

The board of directors of Pharmion has set _____, 2008 as the record date for the special meeting. This means that owners of shares of Pharmion common stock as of the close of business on that day are entitled to receive this Notice of Special Meeting and vote at the special meeting and any adjournments or postponements of the special meeting. A list of stockholders of record will be available for inspection at the special meeting and, during the ten days prior to the special meeting, in the Investor Relations office at Pharmion's address listed above. At the close of business on the record date, Pharmion had _____ shares of common

stock outstanding and entitled to vote.

PROXY VOTING

Your vote is important. Under Delaware law, the affirmative vote of holders of a majority of the outstanding shares of Pharmion common stock that are entitled to vote at the special meeting is necessary to approve and adopt the merger contemplated by the merger agreement (Proposal No. 1). In addition, the merger agreement conditions the consummation of the merger upon, among other things, such affirmative vote being obtained. The affirmative vote of holders of a majority of the Pharmion common stock present in person or represented by proxy at the special meeting is required for approval of the adjournment of the special meeting in certain circumstances (Proposal No. 2). We encourage you to read the enclosed proxy statement/

Table of Contents

prospectus and to submit a proxy so that your shares will be represented and voted even if you do not attend the special meeting. You may submit your proxy over the Internet, by telephone or mail. If you do attend the special meeting, you may revoke your proxy and vote in person.

By order of the Board of Directors of Pharmion Corporation

STEVEN N. DUPONT

Executive Vice President and General Counsel

, 2008
at Boulder, Colorado

After careful consideration, the board of directors of Pharmion has determined that the merger and the terms of the merger agreement are fair to, advisable for, and in the best interests of Pharmion and you, the Pharmion stockholders. **The board of directors of Pharmion unanimously recommends that you vote FOR Proposal No. 1, the proposed merger, and FOR Proposal No. 2, the adjournment of the special meeting, if necessary, to solicit additional proxies if there are not sufficient votes in favor of the approval and adoption of the merger agreement and approval of the merger at the time of the special meeting or if there are insufficient shares of Pharmion common stock represented to constitute a quorum necessary to conduct the business of the special meeting.**

Table of Contents

TABLE OF CONTENTS

	Page
<u>QUESTIONS AND ANSWERS ABOUT THE MERGER</u>	1
<u>SUMMARY</u>	6
<u>SELECTED HISTORICAL CONSOLIDATED FINANCIAL DATA OF CELGENE</u>	18
<u>SELECTED HISTORICAL CONSOLIDATED FINANCIAL DATA OF PHARMION</u>	19
<u>SELECTED UNAUDITED PRO FORMA CONDENSED CONSOLIDATED FINANCIAL DATA</u>	21
<u>COMPARATIVE HISTORICAL AND UNAUDITED PRO FORMA PER SHARE DATA</u>	22
<u>COMPARATIVE STOCK PRICES</u>	23
<u>Comparison</u>	23
<u>Dividend Policy</u>	23
<u>RISK FACTORS</u>	24
<u>Risks Related to the Merger</u>	24
<u>Risks Related to Celgene Common Stock</u>	28
<u>INFORMATION ABOUT THE SPECIAL MEETING OF PHARMION STOCKHOLDERS</u>	29
<u>Date, Time and Place of the Special Meeting of Pharmion Stockholders</u>	29
<u>Purpose of the Special Meeting of Pharmion Stockholders</u>	29
<u>Recommendation of Pharmion's Board of Directors</u>	29
<u>Record Date and Outstanding Shares</u>	29
<u>Quorum Requirement</u>	29
<u>Vote Required</u>	30
<u>Shares Beneficially Owned as of the Record Date</u>	30
<u>Voting at the Special Meeting of Pharmion Stockholders</u>	30
<u>Proxies</u>	30
<u>Solicitation of Proxies</u>	31
<u>Other Business</u>	31
<u>Householding</u>	32
<u>To Attend the Special Meeting of Pharmion Stockholders</u>	32
<u>Communications by Pharmion Stockholders with Pharmion</u>	32
<u>PHARMION PROPOSAL NO. 1 APPROVAL OF THE MERGER</u>	33
<u>THE MERGER</u>	33
<u>General</u>	33
<u>Background of the Merger</u>	33
<u>Recommendations of the Board of Directors of Pharmion; Pharmion's Reasons for the Merger</u>	36
<u>Opinion of Pharmion's Financial Advisor</u>	40
<u>Celgene's Reasons for the Merger</u>	47
<u>Pharmion Financial Projections Provided to Pharmion's Financial Advisor</u>	47
<u>Pharmion Forecasts Provided to Celgene</u>	48
<u>Interests of Certain Persons in the Merger</u>	49
<u>Certain Relationships between Celgene and Pharmion</u>	53
<u>Manner and Procedure for Exchanging Shares of Pharmion Common Stock; No Fractional Shares</u>	54
<u>Voting Agreements</u>	55
<u>Governmental and Regulatory Approvals</u>	56
<u>Merger Expenses</u>	56
<u>Accounting Treatment</u>	57

Table of Contents

	Page
<u>Form of the Merger</u>	57
<u>Material United States Federal Income Tax Consequences</u>	57
<u>Appraisal Rights</u>	61
<u>THE MERGER AGREEMENT</u>	63
<u>Form of the Merger</u>	63
<u>Merger Consideration</u>	63
<u>Closing</u>	64
<u>Effective Time</u>	64
<u>Treatment of Stock Options and Other Stock-Based Awards</u>	64
<u>Representations and Warranties</u>	65
<u>Covenants and Agreements</u>	68
<u>Conditions to the Merger</u>	74
<u>Termination</u>	76
<u>Effect of Termination</u>	77
<u>Termination Fees</u>	78
<u>Amendment and Waiver</u>	79
<u>COMPARATIVE RIGHTS OF CELGENE AND PHARMION STOCKHOLDERS</u>	80
<u>DESCRIPTION OF CELGENE S CAPITAL STOCK</u>	86
<u>Common Stock</u>	86
<u>Preferred Stock</u>	86
<u>Rights Agreement</u>	86
<u>Delaware Law and By-Law Provisions</u>	87
<u>PHARMION PROPOSAL NO. 2 APPROVAL OF POSSIBLE ADJOURNMENT OF THE SPECIAL MEETING OF PHARMION STOCKHOLDERS</u>	88
<u>UNAUDITED PRO FORMA CONDENSED CONSOLIDATED FINANCIAL STATEMENTS</u>	89
<u>STOCK EXCHANGE LISTING</u>	99
<u>EXPERTS</u>	99
<u>LEGAL MATTERS</u>	99
<u>STOCKHOLDER PROPOSALS</u>	99
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	100
 <u>Annex A Agreement and Plan of Merger</u>	 A-i
<u>Annex B Section 262 of the General Corporation Law of the State of Delaware</u>	B-1
<u>Annex C Form of Voting Agreement</u>	C-1
<u>Annex D Opinion of Banc of America Securities LLC</u>	D-1
<u>Consent of KPMG LLP</u>	
<u>Consent of Ernst & Young LLP</u>	
<u>Consent of Banc of America Securities LLC</u>	

We incorporate by reference important business and financial information about Pharmion and Celgene into this proxy statement/prospectus that is not included in or delivered with this proxy statement/prospectus. You may obtain the information incorporated by reference into this proxy statement/prospectus without charge by following the instructions in the section entitled "Where You Can Find More Information" on page 100. **To obtain timely delivery of such information, you must request such information no later than five business days before , 2008.**

Table of Contents

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This proxy statement/prospectus contains or incorporates by reference forward-looking statements and information that are based on the current beliefs and expectations of the respective managements of Celgene and Pharmion as well as assumptions made by, and information currently available to, Celgene and its subsidiaries or Pharmion and its subsidiaries, as the case may be.

Examples of forward-looking statements include statements regarding Celgene's or Pharmion's future financial results, operating results, product successes, business strategies, projected costs, future products, competitive positions, and plans and objectives of management for future operations. When used in or incorporated by reference into this proxy statement/prospectus, the words anticipate, believe, plan, estimate, expect and intend and other similar expressions they relate to Celgene or Pharmion or their respective managements or stockholders, are intended to identify forward-looking statements.

These forward-looking statements reflect the current views of Celgene and Pharmion with respect to future events and are subject to a number of known and unknown risks, delays, uncertainties and other important factors not under Celgene's or Pharmion's control, including: those set forth under the heading Risk Factors; the risks described in Celgene's filings with the Securities and Exchange Commission, which we refer to as the SEC, including Celgene's Annual Report on Form 10-K for the year ended December 31, 2006 and its Quarterly Reports on Form 10-Q for the quarters ended March 31, 2007, June 30, 2007 and September 30, 2007; the risks described in Pharmion's filings with the SEC, including Pharmion's Annual Report on Form 10-K for the year ended December 31, 2006 and its Quarterly Reports on Form 10-Q for the quarters ended March 31, 2007, June 30, 2007 and September 30, 2007; and the following important factors and assumptions, that could affect the future results of Celgene following the merger, or the future results of Pharmion and Celgene if the merger does not occur, and could cause actual results to differ materially from the results, performance or other expectations implied or expressed in any forward-looking statements:

the biopharmaceutical business of each of Pharmion and Celgene and Celgene's strategy for continuing to pursue its business objectives;

anticipated development and launch of new products in Celgene's business and Pharmion's business and in the business of their respective competitors;

anticipated dates on which Pharmion and Celgene will begin marketing certain products or therapies or will reach specific milestones in the development and implementation of their respective business strategies;

growth of the biopharmaceutical industry;

expectations as to Pharmion's and Celgene's future revenues, margins, expenses and capital requirements;

other statements of expectations, beliefs, future plans and strategies, and anticipated developments; and

other matters that are not historical facts.

The most important factors that could prevent Pharmion and Celgene from achieving their stated goals include Pharmion's or Celgene's failure to:

successfully commercialize existing products;

develop, or obtain regulatory approval with respect to, new products and therapies to meet customer demands or generate acceptable margins;

integrate strategic acquisitions, including, if completed, Celgene's proposed acquisition of Pharmion; and

attract and retain qualified management and other personnel.

Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this proxy statement/prospectus. Neither Celgene nor Pharmion undertakes any obligation publicly to update or revise these forward-looking statements to reflect events or circumstances after the date of this proxy statement/prospectus or to reflect the occurrence of unanticipated events.

Table of Contents

QUESTIONS AND ANSWERS ABOUT THE MERGER

Q: What is the proposed transaction for which I am being asked to vote?

A: You are being asked to approve and adopt the Agreement and Plan of Merger, dated as of November 18, 2007, which we refer to as the merger agreement, entered into by and among Celgene Corporation, a Delaware corporation, which we refer to as Celgene, Cobalt Acquisition LLC, a Delaware limited liability company and wholly-owned subsidiary of Celgene, which we refer to as Merger Sub, and Pharmion Corporation, a Delaware corporation, which we refer to as Pharmion, and approve the merger of Pharmion with Merger Sub on the terms set forth therein. The merger agreement provides that at the effective time of the merger, Pharmion will merge with Merger Sub, and the business of Pharmion following the merger will be carried on by a wholly-owned subsidiary of Celgene.

Q: Why am I receiving this proxy statement/prospectus?

A: You are receiving this proxy statement/prospectus because you have been identified as a stockholder of Pharmion as of the close of business on the record date. This document serves as both a proxy statement of Pharmion, used to solicit proxies for the special meeting of Pharmion stockholders, and as a prospectus of Celgene, used to offer shares of Celgene common stock to Pharmion stockholders in exchange for shares of Pharmion common stock pursuant to the terms of the merger agreement. This document contains important information about the merger, the shares of Celgene common stock to be issued pursuant to the merger and the special meeting of Pharmion stockholders, and you should read it carefully.

Q: What will I be entitled to receive pursuant to the merger?

A: In the merger, each share of Pharmion common stock will be converted into the right to receive (i) that number of shares of Celgene common stock equal to the quotient, which we refer to as the exchange ratio, determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Stock Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, which we refer to as the measurement price; provided, however, that if the measurement price is less than \$56.15, each share of Pharmion common stock will be converted into the right to receive 0.8370 shares of Celgene common stock and if the measurement price is greater than \$72.93, each share of Pharmion common stock will be converted into the right to receive 0.6445 shares of Celgene common stock and (ii) \$25.00 in cash, without interest. Pharmion stockholders will not receive any fractional shares of Celgene common stock in the merger. Instead, any stockholder who would otherwise be entitled to a fractional share of Celgene common stock will be entitled to receive an amount in cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price.

Q: How did you determine the merger consideration to be paid to holders of Pharmion common stock?

A: The merger consideration was determined as a result of arm's length negotiations between the management of Pharmion and its board of directors, on the one hand, and the management of Celgene and its board of directors, on the other hand.

Q: Why are we proposing the merger?

A:

For a discussion of our reasons for the merger, we urge you to read the information under Recommendations of the Board of Directors of Pharmion; Pharmion's Reasons for the Merger commencing on page 36 of this proxy statement/prospectus.

Q: What are Celgene's reasons for the merger?

A: Celgene believes that its acquisition of Pharmion will enable Celgene to enhance its portfolio of therapies for patients with life-threatening illnesses worldwide. With the addition of Pharmion's four marketed products and several in development for the treatment of hematological and solid tumor cancers, Celgene will extend its services to clinicians who treat these diseases and, thereby, expand Celgene's role as a leader in hematology and oncology. By combining this new product portfolio with Celgene's existing operational and financial capabilities and expanding Celgene's product offerings, clinical, regulatory and commercial capabilities, Celgene believes this acquisition will further advance Celgene's strategy of creating a global biopharmaceutical company focused

Table of Contents

on delivering novel, meaningful therapies to patients in need. For a further discussion of Celgene's reasons for the merger, we urge you to read the information under "Celgene's Reasons for the Merger" commencing on page 47 of this proxy statement/prospectus.

Q: When do you expect the merger to be completed?

A: We expect to complete the merger within two business days after the day on which all the conditions set forth in the merger agreement are either satisfied or waived. We currently anticipate that the merger will close in April 2008.

Q: What vote is required for approval of the merger?

A: Approval of the merger and adoption of the merger agreement require the affirmative vote of a majority of the outstanding shares of Pharmion common stock. If you abstain or fail to vote, it will have the same effect as voting against the merger agreement. You are entitled to vote on the merger agreement if you held shares of Pharmion common stock at the close of business on the record date, which is _____, 2008. On that date, _____ shares of Pharmion common stock were outstanding and entitled to vote.

As of the record date, Celgene owned 1,939,598 shares of Pharmion common stock, which is equal to approximately _____ % of all shares of Pharmion common stock eligible to vote at the special meeting. In addition, certain executive officers and directors of Pharmion have entered into voting agreements with Celgene pursuant to which such stockholders have agreed to vote their shares in favor of the merger agreement and the merger at the special meeting of Pharmion stockholders and to grant Celgene a proxy to vote their shares at the special meeting. As of the record date, the executive officers and directors of Pharmion who are parties to the voting agreements held an aggregate of _____ shares of Pharmion common stock, which represents approximately _____ % of all shares entitled to vote at the special meeting.

Q: How does the board of directors of Pharmion recommend that I vote?

A: After careful consideration, the board of directors of Pharmion unanimously recommends that you vote your shares **FOR** the approval and adoption of the merger agreement and approval of the merger and **FOR** the approval of the proposal to adjourn the special meeting of Pharmion stockholders, if necessary, to solicit additional proxies if there are not sufficient votes at the time of the special meeting to approve and adopt the merger agreement and approve the merger or if there are insufficient shares of Pharmion common stock present in person or represented by proxy at the special meeting to constitute a quorum necessary to conduct the business of the special meeting.

Q: What do I need to do now?

A: After carefully reading and considering the information contained in this proxy statement/prospectus, including its annexes, please fill out and sign the proxy card, and then mail your signed proxy card in the enclosed prepaid envelope as soon as possible so that your shares may be voted at the special meeting. You may also submit a proxy for your shares on the Internet or by telephone. Your proxy card will instruct the persons named on the card to vote your shares at the special meeting as you direct on the card. If you sign and send in your proxy card and do not indicate how you want to vote, your proxy will be voted **FOR** the proposals to be voted on at the special meeting. If you do not vote or if you abstain from voting, the effect will be a vote against the proposals to be voted on at the special meeting. **YOUR VOTE IS VERY IMPORTANT.**

Q: May I vote in person?

A: If your shares of Pharmion common stock are registered directly in your name with Pharmion's transfer agent, American Stock Transfer & Trust Company, you are considered the stockholder of record with respect to those shares and this proxy statement/prospectus is being sent to you by Pharmion. If you are a Pharmion stockholder of record as of the close of business on the record date, you may attend the special meeting of Pharmion stockholders and vote your shares in person rather than signing and returning your proxy card or otherwise providing proxy instructions.

If your shares of Pharmion common stock are held in a stock brokerage account or by a bank, trustee or other nominee, you are considered the beneficial owner of shares held in street name and this proxy statement/

Table of Contents

prospectus is being forwarded to you by your broker, trustee or nominee, who is considered the record holder with respect to those shares. As the beneficial owner, you have the right to direct your broker or nominee how to vote, and you are also invited to attend the annual meeting. However, since you are not the record holder, you may not vote these shares in person at the special meeting unless you follow your broker's procedures for obtaining a legal proxy from the broker, trustee or nominee, giving you the right to vote the shares at the special meeting. Your broker or nominee has enclosed a voting instruction card for your use.

Q: If my shares are held in street name by my broker, will my broker vote my shares for me?

A: You should instruct your broker to vote your shares, following the directions your broker provides. If you do not instruct your broker, your broker will generally not have the discretion to vote your shares without your instructions and these shares will be treated as broker non-votes. Because the proposal to approve and adopt the merger agreement and approve the merger requires an affirmative vote of a majority of the outstanding shares of Pharmion common stock for approval, these broker non-votes will have the same effect as votes cast against the proposal.

Q: May I change my vote after I have mailed my signed proxy card?

A: You may change your vote at any time before your proxy is voted at the special meeting. If you are a stockholder of record, you may do this by:

voting in person at the special meeting;

delivering a written notice of revocation dated after the proxy to Pharmion's Corporate Secretary; or

delivering another proxy dated after the previous proxy.

If you hold shares through a broker, trustee or nominee, you must contact your financial institution, broker or nominee for information on how to revoke your proxy or change your vote. Attendance at the special meeting will not cause your previously granted proxy to be revoked unless you specifically so request.

Q: Should I send in my stock certificates now?

A: No. If the merger agreement is approved and adopted and the merger is approved at the special meeting and the merger is thereafter completed, you will receive written instructions for exchanging your stock certificates for the merger consideration.

Q: What happens if I transfer my shares of Pharmion common stock after the record date?

A: The record date for the special meeting is earlier than the effective date of the merger. Therefore, transferors of shares of Pharmion common stock after the record date but prior to the consummation of the merger will retain their right to vote at the special meeting, but the right to receive the merger consideration will transfer with the shares.

Q: Am I entitled to appraisal rights?

A: Under Delaware law, Pharmion stockholders who have not approved the merger, who have submitted a timely demand for appraisal, who continue to hold the shares through the effective time of the merger, and who otherwise comply with the applicable requirements of Delaware law may have the fair value of their shares of

Pharmion common stock determined by a Delaware court. To exercise appraisal rights, a Pharmion stockholder must strictly comply with all of the applicable requirements of Delaware law. For a more complete description of your appraisal rights, see **THE MERGER Appraisal Rights** on page 61. A copy of Section 262 of the General Corporation Law of the State of Delaware, which we refer to as the DGCL, which governs appraisal rights, is included as Annex B to this proxy statement/prospectus.

Q: What are the material United States federal income tax consequences of the merger?

A: We expect the merger to qualify as a reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended, which we refer to as the Code, if, among other things, as of the date of the closing of the merger, the value of the Celgene common stock to be issued to Pharmion stockholders pursuant to the merger is not less than approximately 40% of the value of the aggregate consideration to be issued in the

Table of Contents

merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL. Assuming the transaction qualifies as a reorganization, a holder of Pharmion common stock generally will not recognize any gain or loss under U.S. federal income tax laws on the exchange of Pharmion common stock for Celgene common stock pursuant to the merger. A Pharmion stockholder generally will recognize gain, but not loss, on the cash received in exchange for the holder's Pharmion common stock or upon exercise of appraisal rights.

If, as of the date of the closing of the merger, the value of the Celgene common stock to be issued to Pharmion stockholders pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, the holders of Pharmion common stock will recognize a taxable gain or loss on the exchange of their shares in the merger equal to the difference, if any, between (i) the sum of the fair market value of the shares of Celgene common stock and the amount of cash received and (ii) the holder's tax basis in its shares of Pharmion common stock.

Tax matters are very complicated, and the tax consequences of the merger to a particular Pharmion stockholder will depend in part on such stockholder's circumstances. Accordingly, you should consult your own tax advisor for a full understanding of the tax consequences of the merger to you, including the applicability and effect of federal, state, local and foreign income and other tax laws.

For a more detailed description of the tax consequences of the merger, see THE MERGER Material United States Federal Income Tax Consequences beginning on page 57.

Q: As a Pharmion stockholder, what risks should I consider in deciding whether to vote in favor of the merger?

A: You should carefully review the section of this proxy statement/prospectus entitled Risk Factors beginning on page 24, which sets forth and incorporates by reference certain risks and uncertainties related to the merger, certain risks and uncertainties to which the combined company's business will be subject, and certain risks and uncertainties to which each of Pharmion and Celgene, as an independent company, is subject.

Q: How will the merger affect options to purchase common stock of Pharmion and restricted stock units of Pharmion?

A: At the effective time of the merger, pursuant to the terms of the merger agreement, each outstanding unvested option to purchase shares of Pharmion common stock will be converted into an option to acquire such number of shares of Celgene common stock equal to the product (rounded down to the nearest number of whole shares) of (i) the number of shares of Pharmion common stock subject to such option immediately prior to the effective time of the merger and (ii) the fraction, which we refer to as the option exchange ratio, having the numerator equal to the per share consideration to be received by Pharmion stockholders in the merger as described above (valuing the stock portion of such consideration at the measurement price thereof) and having the denominator equal to the measurement price, at an exercise price per share (rounded up to the nearest whole cent) equal to (A) the exercise price per share of such option immediately prior to the effective time of the merger divided by (B) the option exchange ratio. In addition, at the effective time of the merger, pursuant to the terms of the merger agreement, each outstanding vested option to purchase shares of Pharmion common stock will, by virtue of the merger and without any action on the part of the holders thereof, be canceled and will entitle the holder of such option to receive, as soon as reasonably practicable after the effective time of the merger, from Celgene, only the consideration (subject to all applicable income and employment withholding taxes) such holder would have received if such holder had effected a cashless exercise of such vested option to purchase Pharmion common

stock immediately prior to the effective time of the merger and the shares of Pharmion common stock issued upon such cashless exercise were converted in the merger into the consideration to be received by the Pharmion stockholders in the merger as described above.

Restricted stock units held under Pharmion's equity compensation plans will become fully vested immediately prior to the effective time of the merger and, subject to applicable income and employment withholding taxes, will be canceled as of the effective time of the merger and converted into the right to receive the per share merger consideration as described in the preceding paragraph.

Table of Contents

Q: Who is paying for this proxy solicitation?

A: Pharmion is making this solicitation and will pay the entire cost of preparing and distributing these proxy materials and soliciting proxies. Pharmion has also retained MacKenzie Partners, Inc., a proxy solicitation firm, to solicit proxies on behalf of Pharmion. Pharmion has agreed to pay MacKenzie Partners, Inc. an estimated fee of \$100,000, plus its out-of-pocket expenses in connection with such solicitation of proxies on behalf of Pharmion. In addition to these mailed proxy materials, Pharmion's directors and employees may also solicit proxies or votes in person, by telephone or by other means of communication. Directors and employees will not be paid any additional compensation for soliciting proxies. Pharmion will also reimburse brokerage firms, banks and other nominees for their costs in forwarding proxy materials to our beneficial owners.

Q: Who can help answer my questions?

A: If you have any questions or need further assistance in voting your shares of Pharmion common stock, or if you need additional copies of this proxy statement/prospectus or the proxy card, please contact Pharmion Corporation, 2525 28th Street, Suite 200, Boulder, Colorado 80301, Attention: Investor Relations, telephone number (720) 564-9150.

Table of Contents

SUMMARY

*This summary highlights selected information contained or incorporated by reference in this proxy statement/prospectus and may not contain all of the information that is important to you. This summary is not intended to be complete and reference is made to, and this summary is qualified in its entirety by, the more detailed information contained or incorporated by reference in this proxy statement/prospectus and the annexes attached to this proxy statement/prospectus. To fully understand the merger, and for a more complete description of the legal terms of the merger, you should read carefully this proxy statement/prospectus, together with the annexes and the documents to which we refer you. A copy of the merger agreement is attached as Annex A to this proxy statement/prospectus and is incorporated herein by reference. A copy of the form of voting agreement is attached as Annex C to this proxy statement/prospectus and is incorporated herein by reference. We encourage you to read these documents in their entirety for a more complete description of the merger, because they are the legal documents that govern the merger. In addition, we incorporate by reference important business and financial information about Pharmion and Celgene into this proxy statement/prospectus. You may obtain the information incorporated by reference into this proxy statement/prospectus without charge by following the instructions in the section entitled *Where You Can Find More Information* beginning on page 100. We have included page references parenthetically to direct you to a more complete description of the topics presented in this summary.*

REVLIMID® (lenalidomide), THALOMID® (thalidomide), IMiDs® and S.T.E.P.S.® are Celgene's trademarks and Vidaza® (azacitidine for injection) and Thalidomide Pharmion 50mgtm are Pharmion's trademarks. Each of the other trademarks, trade names or service marks appearing in this proxy statement/prospectus belongs to its respective holder.

Information About the Companies

Celgene Corporation

86 Morris Avenue
Summit, New Jersey 07901
(908) 673-9000

Celgene Corporation is a global integrated biopharmaceutical company primarily engaged in the discovery, development and commercialization of innovative therapies designed to treat cancer and immune-inflammatory related diseases. Celgene's lead commercial product REVLIMID® (lenalidomide) is currently approved in the United States and Europe for treatment of multiple myeloma patients who have received at least one prior therapy. In addition, REVLIMID is also approved in the United States for treatment of patients with transfusion-dependent anemia due to low- or intermediate-1-risk myelodysplastic syndromes (MDS) associated with a deletion 5q cytogenetic abnormality with or without additional cytogenetic abnormalities. REVLIMID has obtained Orphan Drug designation in the European Union, the United States, Switzerland and Australia for treatment of multiple myeloma, and in the European Union, the United States and Australia for treatment of MDS, and in the European Union for treatment of chronic lymphocytic leukemia (CLL).

In September 2007, full marketing authorization was granted to REVLIMID by the Swiss Agency for Therapeutic Products for use in combination with dexamethasone as a treatment for patients with multiple myeloma who have received at least one prior therapy. As a result of recent regulatory approvals, Celgene continues to work with the appropriate regulatory authorities to determine next steps for pricing, reimbursement and distribution in Europe. Additionally, a Marketing Authorization Application, or MAA, seeking approval to market REVLIMID for treatment

of transfusion-dependent anemia due to low-or-intermediate-1 risk myelodysplastic syndromes associated with a deletion 5q cytogenetic abnormality with or without additional cytogenetic abnormalities continues to be evaluated by the European Medicines Agency s, or EMEA, Committee for Medicinal Products for Human Use, or CHMP.

Other international regulatory initiatives and clinical developments advancing REVLIMID s potential worldwide include MAAs currently being evaluated by the Therapeutic Goods Administration in Australia and Health Canada. In April 2007, the Eastern Cooperative Oncology Group reported that its Data Monitoring Committee s review of preliminary clinical results from a large, randomized Phase III trial for patients with newly diagnosed

Table of Contents

multiple myeloma found that the use of a low-dose of dexamethasone in combination with REVLIMID suggests survival advantage for patients when compared to the higher, standard-dose of dexamethasone that is used in combination with REVLIMID to treat the disease. These results were presented at peer-reviewed international medical conferences including, The American Society of Clinical Oncology and The American Society of Hematology medical meetings. The regulatory utility of these findings are unclear at this time.

Celgene also sells THALOMID®, ALKERAN®, which Celgene obtains through a supply and distribution agreement with GlaxoSmithKline, and FOCALIN™, which Celgene sells exclusively to Novartis Pharma AG, or Novartis. Celgene's international operations are in the early stages of development and are expected to provide a more significant contribution to future financial results as Celgene's products obtain additional regulatory approvals for sale in foreign markets. Other sources of revenue include royalties which Celgene primarily received from Novartis on its sales of the entire family of RITALIN® drugs and FOCALIN XR™, in addition to revenues from collaborative agreements and licensing fees.

For the quarter ended September 30, 2007, Celgene reported revenue of \$349.9 million, net income of \$38.8 million and diluted earnings per share of \$0.09, representing increases of 42.9%, 90.0% and 80.0%, respectively, compared to the three-month period ended September 30, 2006. On a year-to-date basis, revenues, net income and diluted per share earnings were \$991.2 million, \$151.1 million and \$0.36, representing increases of 58.9%, 228.0% and 200.0%, respectively, compared to the nine-month period ended September 30, 2006. These increases primarily reflect the expanded use of REVLIMID, partly offset by increased operating expenses required to support Celgene's on-going expansion and higher income taxes.

Celgene's future growth and operating results will depend on continued globalization and acceptance of Celgene's currently marketed products, regulatory approvals of both new products and the expanded use of existing products, depth of Celgene's product pipeline and ability to commercialize these products, competition to Celgene's marketed products and challenges to Celgene's intellectual property. The international infrastructure of Celgene continues to expand in anticipation of international regulatory approvals and commercialization of Celgene products worldwide.

Over the past several years, Celgene has made substantial investments in research and development in support of Celgene's existing products, proprietary IMiD® compounds and other pipeline products as Celgene continues to evaluate them in a broad range of hematological malignancies, other cancers and other diseases. REVLIMID is currently being evaluated as a treatment for non-Hodgkin's lymphomas, or NHL, and chronic lymphocytic leukemia, or CLL. In May 2007, Celgene announced plans to advance the development of leading oral anti-inflammatory candidates across a broad range of inflammatory diseases. Celgene's oral TNF alpha inhibitor and anti-inflammatory agent, CC-10004 (apremilast), has demonstrated favorable activity and side effect profiles in placebo controlled proof-of-mechanism trials in moderate to severe psoriasis. Celgene also opened its Investigational New Drug application to evaluate CC-4047 (pomalidomide) in a U.S. proof-of-principle study in sickle cell anemia. Celgene is also evaluating CC-4047 for treatment in other diseases, including myelofibrosis, myeloma and solid tumor cancers.

In September 2007, Celgene entered into a research collaboration with Array BioPharma Inc., or Array, focused on the discovery, development and commercialization of novel therapeutics in cancer and inflammation. Celgene made an upfront payment of \$40.0 million to Array, and, in return, Array granted Celgene an option to select drugs developed under the collaboration that are directed to two of four mutually selected discovery targets. Array will be responsible for all discovery and clinical development through Phase I or Phase IIa. At that time, Celgene will have the option to select drugs resulting from up to two of these four therapeutic programs and will receive exclusive worldwide rights to those drugs, except for Array's limited co-promotional rights in the U.S. Additionally, Array is entitled to receive, for each drug, potential milestone payments of approximately \$200.0 million, if certain discovery, development and regulatory milestones are achieved and \$300.0 million if certain commercial milestones are achieved, as well as royalties on net sales.

Table of Contents

Cobalt Acquisition LLC

86 Morris Avenue
Summit, New Jersey 07901
(908) 673-9000

Cobalt Acquisition LLC is a Delaware limited liability company and a wholly-owned subsidiary of Celgene. Cobalt Acquisition LLC was organized in November 2007 solely for the purpose of effecting the merger with Pharmion. It has not carried on any activities other than in connection with the merger agreement.

Pharmion Corporation

2525 28th Street, Suite 200
Boulder, Colorado 80301
(720) 564-9100

Pharmion Corporation is a global pharmaceutical company that acquires, develops and commercializes innovative products for the treatment of hematology and oncology patients. Pharmion has established its own research, regulatory, development, and sales and marketing organizations in the United States, the European Union and Australia. Pharmion has also developed a distributor network to reach the hematology and oncology markets in several additional countries throughout Europe, the Middle East and Asia.

Pharmion has established a portfolio of approved products and product candidates focused on the hematology and oncology markets. These include Pharmion's primary commercial products, Vidaza® (azacitidine for injection), which it markets and sells as an approved treatment for Myelodysplastic Syndromes, or MDS, in the United States, Switzerland, Israel and the Philippines, and Thalidomide Pharmion 50mgTM (thalidomide), or Thalidomide Pharmion, a therapy for the treatment of multiple myeloma and certain other forms of cancer, which it sells on a compassionate use or named patient basis in certain countries of Europe. Thalidomide Pharmion is approved in Australia, New Zealand, Turkey, Israel, South Korea and Thailand for the treatment of multiple myeloma after the failure of standard therapies. Pharmion obtained the right to sell Thalidomide Pharmion in certain territories under a license agreement with Celgene.

Subsequent to the announcement of the execution of the merger agreement, a purported class action was filed in the Court of Chancery in Delaware naming as defendants Pharmion, Celgene and Merger Sub, as well as Pharmion's directors, Patrick J. Mahaffy, Brian G. Atwood, James Blair, M. James Barrett, Cam L. Garner, Edward J. McKinley, John C. Reed and Thorlef Spickschen, whom we refer to as the director defendants. The complaint against Celgene and Merger Sub was subsequently dismissed by the plaintiff without prejudice.

The complaint, which was purportedly brought on behalf of our public stockholders (other than the defendants), in substance alleges that the terms of the merger are unfair to Pharmion's public stockholders because, in the view of the plaintiff, the value of Pharmion's publicly held common stock is greater than the merger consideration being offered to Pharmion's public stockholders in the merger. The complaint asserts claims against the director defendants for breach of fiduciary duty and against Pharmion for aiding and abetting the alleged breaches of fiduciary duty. In its prayer for relief, the complaint seeks, among other things, to enjoin the merger. The action is captioned as follows: Arthur Murphy v. Pharmion Corporation, et al., C.A. No. 3367-VCL (Del. Ch. Nov. 21, 2007). Pharmion and the director defendants intend to defend this litigation vigorously.

Risks Related to the Merger (page 24)

The merger (including the possibility that the merger may not be consummated) poses a number of risks to Pharmion stockholders. In addition, Pharmion stockholders will be receiving shares of Celgene common stock in the merger.

Celgene is subject to various risks associated with its business and a number of risks exist with respect to an investment in Celgene common stock. The risks are discussed in greater detail under the caption Risk Factors beginning on page 24. You are encouraged to read and consider all of these risks carefully.

Information About the Special Meeting of Pharmion Stockholders (page 29)

Date, Time and Place. The special meeting of Pharmion stockholders will be held on _____, 2008, at 8:30 a.m., Boulder, Colorado time, at _____. At the special meeting, Pharmion stockholders will be asked to

Table of Contents

consider the proposal to approve and adopt the merger agreement and approve the merger and, if necessary, to approve the adjournment of the special meeting under certain circumstances.

Record Date. Only Pharmion stockholders of record at the close of business on _____, 2008 will be entitled to vote at the special meeting. Each share of Pharmion common stock is entitled to one vote. As of the record date, there were _____ shares of Pharmion common stock outstanding and entitled to vote at the special meeting.

Required Vote.

Proposal 1 To approve the merger proposal, the holders of a majority of the outstanding shares of Pharmion common stock entitled to vote must vote in favor of adopting and approving the merger agreement and approving the merger. Because approval of the merger proposal requires the affirmative vote of a majority of shares outstanding, a Pharmion stockholder's failure to vote or abstention will have the same effect as a vote against the merger proposal.

Proposal 2 To approve the proposal to adjourn the special meeting, if necessary, a majority of the shares present in person or represented by proxy at the special meeting and entitled to vote must vote in favor of such proposal.

As of the record date, Celgene owned 1,939,598 shares of Pharmion common stock, which is equal to approximately _____ % of all shares of Pharmion common stock entitled to vote at the special meeting. In addition, certain executive officers and directors of Pharmion have entered into voting agreements with Celgene. Pursuant to the voting agreements, and as further described in the THE MERGER Voting Agreements on page 55, such officers and directors have agreed to vote their shares of Pharmion common stock in favor of the merger at the special meeting. As of the record date, the executive officers and directors of Pharmion who are parties to the voting agreements held an aggregate of _____ shares of Pharmion common stock, which represents approximately _____ % of all shares entitled to vote at the special meeting.

PHARMION PROPOSAL NO. 1 APPROVAL OF THE MERGER

The Merger (page 33)

Pharmion will merge with Merger Sub, and the business of Pharmion following the merger will be carried on by a wholly-owned subsidiary of Celgene. In the merger, all shares of Pharmion common stock will be canceled and Pharmion stockholders immediately prior to the merger will receive a combination of cash and shares of Celgene common stock as described below under Merger Consideration. The stock portion of the per share merger consideration will not be known until the third trading day immediately prior to the effective time of the merger, because the measurement price used to calculate the stock portion of the merger consideration is based on the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Global Select Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger; however, the exchange ratio used to calculate the stock portion of the per share merger consideration will never be less than 0.6445 or greater than 0.8370 of a share of Celgene common stock for one share of Pharmion common stock.

Recommendations of the Pharmion Board; Reasons for the Merger (page 36)

After careful consideration, the board of directors of Pharmion unanimously approved and adopted the merger agreement and approved of the merger. The board of directors of Pharmion recommends that Pharmion stockholders vote FOR Proposal No. 1, approval and adoption of the merger agreement and approval of the merger, and FOR Proposal No. 2, the approval of the proposal to adjourn the special meeting, if necessary, to solicit additional proxies if there are not sufficient votes in favor of the approval and adoption of the merger agreement and approval of the

merger at the time of the special meeting or if there are insufficient shares of Pharmion common stock represented to constitute a quorum necessary to conduct the business of the special meeting.

Table of Contents

In evaluating the merger agreement and the merger, the board of directors of Pharmion consulted with Pharmion's management and legal and financial advisors and considered a number of strategic, financial and other considerations referred to under THE MERGER Pharmion's Reasons for the Merger beginning on page 36.

Merger Consideration (page 63)

In the merger, each share of Pharmion common stock will be converted into the right to receive (i) that number of shares of Celgene common stock equal to the quotient, which we refer to as the exchange ratio, determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Global Select Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, which we refer to as the measurement price; provided, however, that if the measurement price is less than \$56.15, each share of Pharmion common stock will be converted into the right to receive 0.8370 shares of Celgene common stock and if the measurement price is greater than \$72.93, each share of Pharmion common stock will be converted into the right to receive 0.6445 shares of Celgene common stock and (ii) \$25.00 in cash, without interest. Pharmion stockholders will not receive any fractional shares of Celgene common stock in the merger. Instead, any stockholder who would otherwise be entitled to a fractional share of Celgene common stock will be entitled to receive an amount of cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price.

Opinion of Pharmion's Financial Advisor (page 40)

In connection with the proposed merger, Pharmion's financial advisor, Banc of America Securities LLC, which we refer to as Banc of America Securities, delivered to the board of directors of Pharmion an oral opinion, which was confirmed by delivery of a written opinion dated November 17, 2007, as to the fairness, from a financial point of view and as of the date of the opinion, of the per share merger consideration to be received by holders of Pharmion common stock (other than Celgene, Merger Sub and their respective affiliates). The full text of Banc of America Securities' written opinion, dated November 17, 2007, to the board of directors of Pharmion which describes, among other things, the assumptions made, procedures followed, factors considered and limitations on the review undertaken, is attached as Annex D to this proxy statement/prospectus and is incorporated by reference in its entirety into this proxy statement/prospectus. **Banc of America Securities provided its opinion to the board of directors of Pharmion for the benefit and use of the board of directors of Pharmion in connection with and for purposes of its evaluation of the merger consideration from a financial point of view. Banc of America Securities' opinion does not address any other aspect of the merger and does not constitute a recommendation to any stockholder as to how to vote or act in connection with the proposed merger.**

Treatment of Pharmion Stock Options and Other Stock-Based Awards (page 64)

The merger agreement provides that, at the effective time of the merger, each outstanding unvested option to purchase shares of Pharmion common stock will be converted into an option to acquire such number of shares of Celgene common stock equal to the product (rounded down to the nearest number of whole shares) of (i) the number of shares of Pharmion common stock subject to such option immediately prior to the effective time of the merger and (ii) the fraction, which we refer to as the option exchange ratio, having the numerator equal to the per share consideration to be received by Pharmion stockholders in the merger as described above (valuing the stock portion of such consideration at the measurement price thereof) and having the denominator equal to the measurement price, at an exercise price per share (rounded up to the nearest whole cent) equal to (A) the exercise price per share of such option immediately prior to the effective time of the merger divided by (B) the option exchange ratio. Outstanding unvested options to purchase shares of Pharmion common stock that were granted to directors pursuant to Pharmion's equity compensation plans will vest immediately prior to the consummation of the merger.

The merger agreement also provides that, at the effective time of the merger, each outstanding vested option to purchase shares of Pharmion common stock will, by virtue of the merger and without any action on the part of the holders thereof, be canceled and will only entitle the holder of such option to receive from Celgene, as soon as reasonably practicable after the effective time of the merger, the consideration (subject to all applicable income and employment withholding taxes) such holder would have received if such holder had effected a cashless exercise of such vested option to purchase Pharmion common stock immediately prior to the effective time of the merger and

Table of Contents

the shares of Pharmion common stock issued upon such cashless exercise were converted in the merger into the consideration to be received by the Pharmion stockholders in the merger as described above.

Restricted stock units held under Pharmion's equity compensation plans will become fully vested immediately prior to the effective time of the merger and subject to applicable income and employment withholding taxes, will be canceled as of the effective time of the merger and converted into the right to receive the per share merger consideration to be received by holders of shares of Pharmion common stock as described above.

Interests of Certain Persons in the Merger (page 49)

You should be aware that some of the directors and executive officers of Pharmion have interests in the merger that may be different from, or in addition to, the interests of Pharmion stockholders generally. The board of directors of Pharmion was aware of these interests and considered them, among other matters, in reaching its decisions to approve and adopt the merger agreement and to recommend that Pharmion stockholders vote **FOR** the approval of the merger agreement and the merger.

The following is a brief summary of the interests of Pharmion's executive officers and directors in the merger:

Employment Agreements. Pursuant to employment agreements between Pharmion and its executive officers, each executive officer will be entitled to severance benefits upon the termination of such executive officer's employment without just cause or by the executive officer for good reason (as such terms are defined in the employment agreements) within two years following the merger. The estimated value of the cash and non-cash severance benefits (excluding any additional gross up for taxes potentially payable by the executives pursuant to the application of Sections 280G and 4999 of the Code) that could become due under the employment agreements is approximately \$3,058,888, assuming the merger is consummated on April 30, 2008. For a more detailed discussion of the employment agreements and the other special interests that Pharmion's directors and executive officers may have in the merger, please see the section captioned **THE MERGER Interests of Certain Persons in the Merger** beginning on page 49.

Vested Options. Each vested stock option to purchase shares of Pharmion common stock held by an executive officer or director of Pharmion upon the effective time of the merger will be treated in the same manner as all other vested stock options in the merger. For a more detailed discussion of the treatment of stock options in the merger, please see the section captioned **THE MERGER AGREEMENT Treatment of Stock Options and Other Stock-Based Awards** beginning on page 64 and **THE MERGER Interests of Certain Persons in the Merger** beginning on page 49.

Unvested Options. Each unvested stock option to purchase shares of Pharmion common stock held by an executive officer of Pharmion upon the effective time of the merger will be converted into an equivalent stock option to purchase shares of Celgene common stock. However, pursuant to the terms of each of the employment agreements described above, all of the outstanding stock options held by an executive officer would become fully vested and immediately exercisable upon the termination of such executive officer's employment without just cause or by the executive officer for good reason (as such terms are defined in the employment agreements) within two years following the merger. In addition, each unvested stock option held by a non-employee director of Pharmion granted under the Pharmion 2001 Non-Employee Director Stock Option Plan will become fully vested and exercisable immediately prior to the effective time of the merger and will be treated in the same manner as all other vested stock options in the merger. For a more detailed discussion of the treatment of stock options in the merger, please see the section captioned **THE MERGER AGREEMENT Treatment of Stock Options and Other Stock-Based Awards** beginning on page 64 and **THE MERGER Interests of Certain Persons in the Merger** beginning on page 49.

Other Stock-Based Awards. Unvested shares of Pharmion common stock underlying restricted stock unit awards held by Pharmion's executive officers will become fully vested immediately prior to the effective time of the merger. For a more detailed discussion of the treatment of restricted stock units in the merger, please see the section captioned "THE MERGER AGREEMENT—Treatment of Stock Options and Other Stock-Based Awards" beginning on page 64 and "THE MERGER—Interests of Certain Persons in the Merger" beginning on page 49.

Table of Contents

Employee Stock Purchase Plan. Pharmion maintains an employee stock purchase plan for U.S. employees intended to qualify under Section 423 of the Code. Pursuant to the terms of the merger agreement, Pharmion has agreed to take all actions necessary to cause the offering period in effect on the date of the merger agreement to be the final offering period under the plan and for such offering period to end on the earlier to occur of January 31, 2008 and a date that is five days prior to the effective time of the merger. Each participant's accumulated payroll deductions will be used to purchase shares of Pharmion common stock at the conclusion of such offering period in accordance with the terms of the plan. Immediately following the completion of such purchases, Pharmion will take all actions necessary to terminate the plan and ensure that no further purchases of shares of Pharmion common stock are made thereunder. For a more detailed discussion of the Pharmion employee stock purchase plan, please see the section captioned **THE MERGER AGREEMENT Treatment of Stock Options and Other Stock-Based Awards** beginning on page 64 and **THE MERGER Interests of Certain Persons in the Merger** beginning on page 49.

Retention Plan. In order to foster the continued service of Pharmion's employees during the pendency of a possible change in control of Pharmion, which would include the merger, the Pharmion board of directors adopted a retention plan for the benefit of its employees, including executive officers, who remain actively employed with Pharmion through the consummation of the merger. Under the retention plan, eligible employees will be entitled to receive a retention award, payable as soon as practicable following the effective time of the merger, in the amount of either (i) 25% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs on or prior to June 1, 2008, or (ii) 50% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs after June 1, 2008. In addition, eligible employees who are not U.S. field-based sales employees will receive incentive bonuses in respect of the achievement of certain individual and corporate goals for 2007 as determined by Pharmion's board of directors, which bonuses may be paid in amounts of up to 200% of the recipient-employee's annual bonus target. U.S. field-based sales employees will be paid quarterly bonuses subject to the achievement of quarterly sales targets, and those who remain actively employed with Pharmion will receive additional bonuses for each of the first and second quarters of 2008 subject to the achievement of sales targets. For a detailed discussion of the foregoing Pharmion retention plan, please see the section captioned **THE MERGER AGREEMENT Covenants and Agreements Employee Matters** beginning on page 73.

Indemnification; Directors and Officers Insurance. Celgene has agreed to indemnify and hold harmless current and former directors and officers of Pharmion to the fullest extent permitted under applicable law, and to cover such directors and officers by directors' and officers' liability insurance for a period of six years following the effective time of the merger. For a more detailed discussion of the indemnification of Pharmion's directors and executive officers, please see the section captioned **THE MERGER AGREEMENT Covenants and Agreements Indemnification of Directors and Officers** beginning on page 72.

As of the record date, all directors and executive officers of Pharmion, together with their affiliates, beneficially owned approximately % of the outstanding shares of Pharmion common stock. Approval of the merger requires the affirmative vote of the holders of a majority of Pharmion's outstanding common stock. Certain Pharmion officers and directors, have also entered into a voting agreement in connection with the merger. The voting agreements are discussed in greater detail under the caption **THE MERGER Voting Agreements** beginning on page 55.

The obligations of Celgene and Pharmion to close the merger are subject to a number of conditions (page 74)

The obligations of each of Celgene and Pharmion to complete the merger are conditioned upon the following:

the approval and adoption of the merger agreement and approval of the merger by Pharmion stockholders;

the expiration or early termination of the waiting period applicable to the consummation of the merger under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, which we refer to as the HSR Act, which

expiration occurred on January 2, 2008, and the receipt of any required approval or expiration of applicable waiting period under the antitrust laws of any applicable foreign jurisdictions the failure of which to be

Table of Contents

obtained or to have expired, individually or in the aggregate, would have a material adverse effect on Celgene;

the absence of any statute, law, rule, ordinance, regulation, code, order, judgment, injunction, writ, decree or any other order of any court or other governmental authority of competent jurisdiction permanently enjoining or otherwise prohibiting the consummation of the merger or the transactions contemplated by the merger agreement;

the registration statement on Form S-4, of which this proxy statement/prospectus forms a part, having been declared effective by the SEC under the Securities Act, and not being subject to a stop order;

all consents, approvals and authorizations of governmental entities arising as a result of the enactment or promulgation of, or a change in, any law occurring after the date of the merger agreement required to consummate the merger (the failure of which to obtain would have a material adverse effect on the combined company) having been obtained; and

the shares of Celgene common stock to be issued pursuant to the merger and the shares of Celgene common stock to be reserved for issuance upon the exercise of options to purchase common stock of Pharmion having been approved for listing on The Nasdaq Global Select Market.

In addition, Celgene's obligations are further conditioned on:

Pharmion's representations and warranties being true and correct (except where the failure to be true and correct would not have a material adverse effect on Pharmion);

Pharmion having complied in all material respects with its covenants contained in the merger agreement;

the absence of a material adverse change in the business or condition of Pharmion;

Celgene having received an opinion of its outside legal counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code; provided, however, that if the merger is restructured as a reverse merger, as described under THE MERGER Form of the Merger on page 57, in which Merger Sub will be merged with and into Pharmion with Pharmion surviving the merger as a wholly-owned subsidiary of Celgene, Celgene will be deemed to have waived this condition; and

holders of no more than 25% of the number of shares of Pharmion common stock outstanding immediately prior to the effective time having exercised their appraisal rights in the merger in accordance with the DGCL.

In addition, Pharmion's obligations are further conditioned on:

Celgene's and Merger Sub's representations and warranties being true and correct (except where the failure to be true and correct would not have a material adverse effect on Celgene);

Celgene having complied in all material respects with its covenants in the merger agreement;

the absence of a material adverse change in the business or condition of Celgene; and

Pharmion having received an opinion of its outside legal counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code; provided, however, that if the merger is restructured as a reverse merger, as described under THE MERGER Form of the Merger on page 57, in which

Merger Sub will be merged with and into Pharmion with Pharmion surviving the merger as a wholly-owned subsidiary of Celgene, Pharmion will be deemed to have waived this condition.

Under certain circumstances Celgene and Pharmion may terminate the merger agreement (page 76)

The merger agreement may be terminated and the merger may be abandoned at any time prior to the completion of the merger:

by mutual written consent of Celgene and of Pharmion;

by either Celgene or Pharmion, if the effective time of the merger does not occur before September 30, 2008, which is referred to as the outside date, unless the primary cause of the failure of the effective time of the

Table of Contents

merger to occur is the failure of the party seeking to terminate the merger agreement to perform any of its obligations under the merger agreement;

by either Celgene or Pharmion, if any court or governmental entity has enacted any law, or issued any injunction or other order that permanently enjoins or otherwise prohibits the consummation of the merger; or

by either Celgene or Pharmion, if the stockholders of Pharmion do not approve the merger at the stockholder meeting.

Additionally, Pharmion may terminate the merger agreement if:

Celgene breaches a representation, warranty, covenant or agreement such that the conditions to the obligation of Pharmion to effect the merger, as described above, will not be satisfied and the breach has not been or cannot be cured within 30 days following notice of such breach or facts exist which render impossible one or more of the mutual closing conditions or one or more of the conditions to the obligation of Pharmion to effect the merger by the outside date (however, Pharmion does not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement); or

the board of directors of Pharmion determines that a third party proposal relating to a merger, reorganization, recapitalization, tender offer, business combination or other similar transaction involving Pharmion or any proposal to acquire securities representing 30% or more of the equity securities of Pharmion or any of its subsidiaries or to acquire 30% or more of the consolidated assets or revenues of Pharmion and its subsidiaries, which we refer to in this proxy statement/prospectus as an acquisition proposal, constitutes a superior proposal; however, prior to such termination Pharmion must negotiate with Celgene in good faith for three business days to make such modifications to the merger agreement so that the third party proposal would no longer be a superior proposal and Pharmion must pay the required termination fee to Celgene.

Additionally, Celgene may terminate the merger agreement if:

Pharmion breaches a representation, warranty, covenant or agreement such that the conditions to the obligation of Celgene to effect the merger, as described above, will not be satisfied and the breach has not been or cannot be cured within 30 days following notice of such breach or facts exist which render impossible one or more of the mutual closing conditions or one or more of the conditions to the obligation of Celgene to effect the merger by the outside date (however, Celgene does not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement);

prior to the special meeting of Pharmion stockholders, the board of directors of Pharmion, in the case of a superior proposal, withholds, withdraws, qualifies or modifies its approval or recommendation of the merger agreement or the merger, or approves, adopts, recommends or otherwise declares advisable any such superior proposal not solicited in breach of the merger agreement, fails to transmit to Pharmion stockholders a recommended rejection of any tender offer or exchange offer for 30% or more of the outstanding shares of Pharmion common stock by a person who is not an affiliate of Celgene, or if Pharmion fails, within five days of a request by Celgene, to reconfirm its recommendation in favor of the merger agreement and merger (or the board of directors of Pharmion resolves, or publicly announces its intention, to do any of the foregoing);

the board of directors of Pharmion approves, resolves to recommend, or publicly recommends, or Pharmion enters into a binding acquisition agreement with respect to, any acquisition proposal; or

Pharmion breaches its obligations under the merger agreement not to solicit third-party acquisition proposals as described under Covenants and Agreements No Solicitation (or the board of directors of Pharmion resolves, or publicly announces its intention, to do so).

If the merger agreement is terminated under certain circumstances, including if Pharmion terminates the merger agreement to enter into an agreement in respect of a third-party acquisition proposal, Pharmion must pay Celgene a termination fee of \$70 million. In addition, if the merger agreement is terminated as a result of the merger having been permanently enjoined for antitrust reasons or if the merger has not been consummated by September 30,

Table of Contents

2008 as a result of the failure to obtain antitrust clearance and certain other conditions are satisfied, Celgene must pay Pharmion a termination fee of \$70 million. See THE MERGER AGREEMENT Termination Fees for a complete discussion of the circumstances under which either Pharmion or Celgene would be required to pay a termination fee.

Pharmion has agreed not to solicit third-party acquisition proposals (page 71)

Subject to certain exceptions, the merger agreement precludes Pharmion, whether directly or indirectly through affiliates or other representatives, from soliciting, initiating, knowingly encouraging or taking any other action to facilitate the submission of any acquisition proposal or participating in or knowingly encouraging any discussion or negotiations regarding, or furnishing to any person any information with respect to, or knowingly facilitating or taking any other action with respect to any acquisition proposal (or any proposal reasonably likely to lead to an acquisition proposal). However, if Pharmion receives an unsolicited acquisition proposal (that does not result from a breach of Pharmion's obligations under the merger agreement with respect to solicitation of third-party acquisition proposals) that its board of directors determines in good faith is a superior acquisition proposal, or is reasonably likely to result in a superior acquisition proposal, then Pharmion may furnish information to, and enter into discussions with, the third party making the acquisition proposal so long as certain conditions set forth in the merger agreement are satisfied, including conditions that (i) the board of directors of Pharmion determines that failure to do so would be reasonably likely to violate its fiduciary duties under applicable law and (ii) Pharmion negotiates with Celgene in good faith for three business days to make such modifications to the merger agreement so that Pharmion's board of directors would be able to proceed with its recommendation that the stockholders of Pharmion vote to approve and adopt the merger agreement and approve the merger. See THE MERGER AGREEMENT Covenants and Agreements No Solicitation for a complete discussion of Pharmion's obligations under the merger agreement with respect to third-party acquisition proposals.

Obligations of the Board of Directors of Pharmion with Respect to Its Recommendations and Holding the Special Meeting of Pharmion Stockholders (page 70)

The board of directors of Pharmion has recommended that its stockholders vote in favor of approval and adoption of the merger agreement and approval of the merger. In the case of a superior proposal prior to the approval of the merger by Pharmion stockholders, the board of directors of Pharmion can modify or withdraw its recommendation or recommend a superior third-party acquisition proposal if it determines in good faith, after consultation with outside legal counsel, that the failure to change its recommendation would be reasonably likely to violate its fiduciary obligations under applicable law. Pharmion may also disclose any material fact to its stockholders if the board or directors of Pharmion determines in good faith, after consultation with outside legal counsel, that the failure to disclose such facts to Pharmion stockholders (including the fact that an acquisition proposal has been submitted to Pharmion), would be reasonably likely to violate its fiduciary duties under applicable law. If the board of directors of Pharmion withdraws or modifies its recommendation or approves or recommends a superior proposal, Celgene is entitled to terminate the merger agreement and require Pharmion to pay a termination fee of \$70 million. Regardless of any withdrawal or modification by the board of directors of Pharmion of its recommendation of the merger, unless the merger agreement is terminated in accordance with its terms, Pharmion is required under the terms of the merger agreement to call and hold its special meeting of stockholders to consider approval and adoption of the merger agreement and approval of the merger.

Material United States Federal Income Tax Consequences (page 57)

The consummation of the merger is conditioned upon the receipt by Celgene and Pharmion of opinions from their respective legal counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code. If counsel are unable to deliver the tax opinions, the merger will not be consummated unless the conditions requiring the delivery of the tax opinions are waived, except as described below in this section.

Assuming the merger qualifies as a reorganization under Section 368(a) of the Code, a holder of Pharmion common stock generally will not recognize any gain or loss under U.S. federal income tax laws on the exchange of Pharmion shares for Celgene shares. A Pharmion stockholder generally will recognize taxable gain on the cash received in exchange for the holder's Pharmion common stock.

Table of Contents

If, as of the date of the closing of the merger, the value of the Celgene common stock to be issued to Pharmion stockholders pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, (i) the merger will be restructured as a reverse merger in which Merger Sub will be merged with and into Pharmion and Pharmion will survive the merger as a wholly-owned subsidiary of Celgene, (ii) Pharmion and Celgene will be deemed to have waived the closing conditions to the merger that each receive an opinion of legal counsel that the merger qualifies as a reorganization within the meaning of Section 368(a) of the Code and (iii) the holders of Pharmion common stock will recognize a taxable gain or loss on the exchange of their shares in the merger equal to the difference, if any, between (i) the sum of the fair market value of the shares of Celgene common stock and the amount of cash received and (ii) the holder's tax basis in its shares of Pharmion common stock.

Tax matters are very complicated. The tax consequences of the merger to you will depend on your own situation. Accordingly, you should consult your own tax advisor for a full understanding of the U.S. federal, state, local and foreign tax consequences of the merger to you.

Governmental and Regulatory Approvals (page 56)

Under the terms of the merger agreement, Celgene will determine whether any regulatory approvals are required in connection with the merger, and the parties will cooperate to seek and obtain any such regulatory approvals. The merger agreement provides that the parties will make only such antitrust filings as specified in the merger agreement unless the parties agree that other filings are necessary or Celgene determines in good faith, after consultation with legal counsel, that other filings are required by law. In addition, the parties will use reasonable best efforts to take all steps necessary to prevent or remove any actual or threatened injunction, order or other determination that would prevent or delay consummation of the merger. Pharmion is obligated to sell or divest its assets as necessary to obtain any requisite antitrust approvals, if so requested by Celgene, provided that such action is conditioned upon consummation of the merger. Celgene is not obligated to sell or divest any of its assets in order to obtain the requisite antitrust approvals.

Under the HSR Act, and the rules promulgated thereunder by the U.S. Federal Trade Commission, or FTC, the merger may not be consummated until notifications have been given and certain information has been furnished to the FTC and the Antitrust Division of the U.S. Department of Justice; and the specified waiting period has either expired or been terminated. Celgene and Pharmion filed notification and report forms under the HSR Act with the FTC and the Antitrust Division on December 3, 2007. The waiting period under the HSR Act expired on January 2, 2008.

On December 28, 2007, Celgene, on behalf of both parties, advised a foreign government agency responsible for regulating competition laws, of the proposed merger. The agency may review such filing and related matters and, if it does, the duration of the investigation may be as long as a total of four months, during or after which time it may clear, with or without conditions, or prohibit the merger. The merger agreement provides that the respective obligations of each party to effect the merger are subject to any required approval having been obtained or the applicable waiting period having expired under the antitrust laws of any applicable foreign jurisdictions, the failure of which to be obtained or to have expired, individually or in the aggregate, would have a material adverse effect on Celgene.

Listing and Trading of Celgene Common Stock (page 74)

Shares of Celgene common stock to be received by Pharmion stockholders in the merger will be listed on The Nasdaq Global Select Market. After completion of the merger, shares of Celgene common stock will continue to be traded on The Nasdaq Global Select Market, but shares of Pharmion common stock will no longer be listed or traded.

Appraisal Rights (page 61)

Under the DGCL, Pharmion stockholders of record who do not vote in favor of the merger will be entitled to exercise appraisal rights in connection with the merger, and, if such rights are properly demanded and perfected and

Table of Contents

not withdrawn or lost, such stockholders will be entitled to obtain payment for the judicially-determined fair value of their shares of Pharmion common stock if the merger is completed. For a more detailed description of these appraisal rights and how to demand and perfect such rights, see THE MERGER Appraisal Rights beginning on page 61 and the relevant provisions of the DGCL, which are included as Annex C to this proxy statement/prospectus.

Anticipated Accounting Treatment (page 57)

The merger will be accounted for by Celgene under the purchase method of accounting. Under the purchase method, the purchase price of Pharmion will be allocated to assets acquired, including identifiable intangible assets, in-process research and development and liabilities assumed from Pharmion with any excess being treated as goodwill. Since property, plant and equipment and identifiable intangible assets are depreciated and amortized over time, and in-process research and development is expensed immediately upon the merger, Celgene will incur accounting charges from the merger. In addition, these assets and any goodwill will be subject to periodic impairment tests and could result in potential write-down charges in future periods.

Comparison of Rights of Celgene Stockholders and Pharmion Stockholders (page 80)

The rights of Pharmion stockholders will change as a result of the merger due to differences in Celgene's and Pharmion's governing documents. This proxy statement/prospectus contains descriptions of stockholder rights under each of the Celgene and Pharmion governing documents and describes the material differences between them.

Comparative Market Price Information (page 23)

Shares of Celgene common stock are listed on the Nasdaq Global Select Market under the symbol CELG. Shares of Pharmion common stock are listed on the Nasdaq Global Market under the symbol PHRM. On November 16, 2007, the last trading day prior to the public announcement of the execution of the merger agreement, the last reported sale price per share of Celgene common stock was \$64.90 and the last reported sale price per share of Pharmion common stock was \$49.28 per share.

On _____, 2008, the most recent practicable date prior to the date of this proxy statement/prospectus, the last reported sale price per share of Celgene common stock was \$_____ and the last reported sale price per share of Pharmion common stock was \$_____. The market prices of shares of Pharmion common stock and Celgene common stock are subject to fluctuation. We urge you to obtain current market quotations.

PHARMION PROPOSAL NO. 2 APPROVAL OF POSSIBLE ADJOURNMENT OF THE SPECIAL MEETING

If there are not sufficient votes at the time of the special meeting of Pharmion stockholders to approve Proposal No. 1 or if there are insufficient shares of Pharmion common stock present in person or represented by proxy at the special meeting to constitute a quorum necessary to conduct the business of the special meeting, Pharmion may propose to adjourn the special meeting. Pharmion currently does not intend to propose adjournment at the special meeting if there are sufficient votes to approve Proposal No. 1.

Table of Contents**SELECTED HISTORICAL CONSOLIDATED FINANCIAL DATA OF CELGENE**

The following summary historical financial data should be read in conjunction with the consolidated financial statements of Celgene, and the notes thereto, and the Management's Discussion and Analysis of Financial Condition and Results of Operations of Celgene contained in Celgene's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q, which are incorporated by reference into this proxy statement/prospectus. The unaudited consolidated financial statements include, in the opinion of Celgene's management, all adjustments, consisting only of normal, recurring adjustments, that Celgene's management considers necessary for a fair statement of the results of those periods. These historical results are not necessarily indicative of results to be expected in any future period and the results for the nine months ended September 30, 2007 should not be considered indicative of results to be expected for the full year.

Nine Months Ended		Year Ended December 31,					
September 30,							
2007(1)	2006(1)	2006(1)	2005	2004	2003	2002	
(Unaudited)							

(In thousands, except per share amounts)

**Consolidated
Statements of
Operations Data:**

Total revenue	\$ 991,230	\$ 623,919	\$ 898,873	\$ 536,941	\$ 377,502	\$ 271,475	\$ 135,746
Costs and operating expenses	703,605	508,941	724,182	453,357	334,774	274,124	250,367
Operating income (loss)	287,625	114,978	174,691	83,584	42,728	(2,649)	(114,621)
Interest and investment income, net	79,447	22,102	40,352	24,557	28,340	21,760	22,976
Equity in losses of affiliated companies	3,338	5,202	8,233	6,923		4,392	
Interest expense	7,913	7,086	9,417	9,497	9,551	5,667	27
Other income (expense), net	(3,345)	4,193	5,502	(7,509)	1,654	16,609	82
Income (loss) before tax	352,476	128,985	202,895	84,212	63,171	25,661	(91,590)
Income tax provision (benefit)	201,364	82,916	133,914	20,556	10,415	718	(98)
Income (loss) from continuing	151,112	46,069	68,981	63,656	52,756	24,943	(91,492)

operations

Discontinued
operations: Gain
on sale of chiral
assets

750 1,000

Net income (loss) \$ 151,112 \$ 46,069 \$ 68,981 \$ 63,656 \$ 52,756 \$ 25,693 \$ (90,492)

Income (loss)
from continuing
operations per
common share(2):

Basic \$ 0.40 \$ 0.13 \$ 0.20 \$ 0.19 \$ 0.16 \$ 0.08 \$ (0.30)

Diluted \$ 0.36 \$ 0.12 \$ 0.18 \$ 0.18 \$ 0.15 \$ 0.07 \$ (0.30)

Weighted average
shares(2):

Basic 380,841 347,687 352,217 335,512 327,738 323,548 309,348

Diluted 431,208 403,092 407,181 390,585 345,710 341,592 309,348

(1) These periods reflect Celgene's adoption of the provisions of Statement of Financial Accounting Standards No. 123R, Share-Based Payment, effective January 1, 2006.

(2) Amounts have been adjusted for the two-for-one stock splits effected in February 2006 and October 2004.

**Nine Months Ended
September 30,
2007 2006
(Unaudited)**

**Year Ended December 31,
2005 2004 2003 2002**

(In thousands)

**Consolidated
Balance Sheet Data:**

Cash, cash equivalents and marketable securities	\$ 2,529,705	\$ 872,474	\$ 1,982,220	\$ 724,260	\$ 748,537	\$ 666,967	\$ 261,182
Total assets	3,373,185	1,526,819	2,735,791	1,258,313	1,107,293	813,026	336,795
Convertible notes(3)	399,731	399,962	399,889	399,984	400,000	400,000	
Other non-current liabilities	59,811	22,915	56,995	27,850	14,442	8,366	4,913
Retained earnings (deficit)	49,339	(124,684)	(101,773)	(170,754)	(234,410)	(287,166)	(312,859)
Stockholders' equity	2,479,326	838,278	1,976,177	635,775	477,444	331,744	286,206

(3) The convertible notes mature in June 2008.

Table of Contents**SELECTED HISTORICAL CONSOLIDATED FINANCIAL DATA OF PHARMION**

The following summary historical financial data should be read in conjunction with the consolidated financial statements of Pharmion, and the notes thereto, and the Management's Discussion and Analysis of Financial Condition and Results of Operations of Pharmion contained in Pharmion's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q, which are incorporated by reference into this proxy statement/prospectus. The unaudited consolidated financial statements include, in the opinion of Pharmion's management, all adjustments, consisting only of normal, recurring adjustments, that Pharmion's management considers necessary for a fair statement of the results of those periods. These historical results are not necessarily indicative of results to be expected in any future period and the results for the nine months ended September 30, 2007 should not be considered indicative of results to be expected for the full year.

Nine Months Ended							
September 30,		Years Ended December 31,					
2007	2006	2006	2005	2004	2003(1)(2)	2002	
(Unaudited)							

(In thousands, except per share amounts)

**Consolidated
Statements of
Operations Data:**

Net sales	\$ 195,834	\$ 178,596	\$ 238,646	\$ 221,244	\$ 130,171	\$ 25,539	\$ 4,735
Operating expenses:							
Cost of sales, inclusive of royalties, exclusive of product rights amortization shown separately below	53,341	48,514	65,157	59,800	43,635	11,462	1,575
Research and development	71,992	50,194	70,145	42,944	28,392	24,616	15,049
Acquired in-process research	8,000	24,480	78,763	21,243			
Selling, general and administrative	93,174	72,963	104,943	83,323	66,848	36,109	23,437
Product rights amortization	7,407	7,344	9,802	9,345	3,395	1,972	375
Total operating expenses	233,914	203,495	328,810	216,655	142,270	74,159	40,436
Income (loss) from operations	(38,080)	(24,899)	(90,164)	4,589	(12,099)	(48,620)	(35,701)
Other income (expense), net	6,448	5,286	6,926	6,474	2,415	(154)	1,109
	(31,632)	(19,613)	(83,238)	11,063	(9,684)	(48,774)	(34,592)

Edgar Filing: CELGENE CORP /DE/ - Form S-4

Income (loss) before taxes							
Income tax expense	4,752	7,188	7,774	8,794	7,853	1,285	105
Net income (loss)	(36,384)	(26,801)	(91,012)	2,269	(17,537)	(50,059)	(34,697)
Accretion to redemption value of redeemable convertible preferred stock						(10,091)	(8,576)
Net income (loss) attributable to common stockholders	\$ (36,384)	\$ (26,801)	\$ (91,012)	\$ 2,269	\$ (17,537)	\$ (60,150)	\$ (43,273)
Net income (loss) attributable to common stockholders per common share:							
Basic	\$ (1.05)	\$ (0.84)	\$ (2.84)	\$ 0.07	\$ (0.63)	\$ (14.70)	\$ (57.58)
Diluted	\$ (1.05)	\$ (0.84)	\$ (2.84)	\$ 0.07	\$ (0.63)	\$ (14.70)	\$ (57.58)
Shares used in computing net income (loss) attributable to common stockholders per common share:							
Basic	34,506	31,993	32,016	31,837	27,933	4,093	752
Diluted	34,506	31,993	32,016	32,876	27,933	4,093	752
Pro forma net loss attributable to common stockholders per common share, assuming conversion of preferred stock, basic and diluted (unaudited)	N/A	N/A	N/A	N/A	N/A	\$ (2.66)	\$ (2.47)
Shares used in computing pro forma net loss attributable to common stockholders per common share, assuming conversion of preferred stock basic and diluted,	N/A	N/A	N/A	N/A	N/A	18,791	14,073

unaudited

Table of Contents

Nine Months Ended September 30,		Year Ended December 31,				
2007	2006	2006	2005	2004	2003(1)(2)	2002
(Unaudited)						

(In thousands)

**Consolidated
Balance Sheet****Data:**Cash, cash
equivalents and
short-term

investments	\$ 257,632	\$ 187,777	\$ 136,213	\$ 243,406	\$ 245,543	\$ 88,542	\$ 62,604
Working capital	262,455	209,466	152,997	226,621	233,366	86,539	60,891
Total assets	451,510	376,701	326,732	432,630	411,230	145,473	80,847
Convertible notes						13,374	
Other long-term							
liabilities	3,939	3,008	3,679	3,737	3,824	8,144	190
Redeemable							
convertible preferred							
stock							135,987
Accumulated deficit	(263,223)	(162,628)	(226,839)	(135,827)	(138,096)	(120,559)	(62,950)
Total stockholders							
equity (deficit)	380,033	330,651	273,082	346,624	351,953	104,914	(62,216)

(1) Pharmion acquired Laphal Developpement S.A. on March 25, 2003 and its operations are included in Pharmion's results since that date.

(2) In November 2003 Pharmion completed its initial public offering, which resulted in \$76.2 million of net proceeds through the issuance of 6,000,000 shares of Pharmion common stock. Concurrent with the effective date of the initial public offering, all outstanding shares of Pharmion's redeemable convertible preferred stock were converted into 17,030,956 shares of Pharmion common stock.

Table of Contents**SELECTED UNAUDITED PRO FORMA CONDENSED CONSOLIDATED FINANCIAL DATA**

The selected unaudited pro forma condensed consolidated financial information presented below is based on, and should be read together with, the historical information that Celgene and Pharmion have presented in their respective filings with the Securities and Exchange Commission and the pro forma information that appears elsewhere in this proxy statement/prospectus. See [Where You Can Find More Information](#) on page 100 and [Unaudited Pro Forma Condensed Consolidated Financial Statements](#) on page 89.

The selected unaudited pro forma condensed consolidated balance sheet as of September 30, 2007 gives effect to the proposed merger as if it had occurred on September 30, 2007, and combines the historical balance sheets of Pharmion and Celgene as of September 30, 2007. The selected unaudited pro forma condensed consolidated statements of operations for the year ended December 31, 2006 and for the nine months ended September 30, 2007 are presented as if the proposed merger had occurred on January 1, 2006, and combines the historical results of Pharmion and Celgene for the year ended December 31, 2006 and for the nine months ended September 30, 2007, respectively.

The pro forma adjustments related to the merger are based on a preliminary purchase price allocation whereby the estimated cost to acquire Pharmion was allocated to the assets acquired and the liabilities assumed based upon their estimated fair values. A final purchase price allocation will be performed using estimated fair value as of the date of completion of the merger. Differences between the preliminary and final purchase price allocations could have a material impact on the accompanying unaudited pro forma condensed consolidated financial statement information and Celgene's future results of operations and financial position.

The selected unaudited pro forma condensed consolidated financial statements do not reflect the realization of potential cost savings, or any related restructuring or integration costs. Certain cost savings may result from the merger, however, there can be no assurance that these cost savings will be achieved.

The selected unaudited pro forma condensed consolidated financial data are presented for illustrative purposes only and are not necessarily indicative of the consolidated financial positions or results of operations in future periods or the results that actually would have been realized if the proposed merger had been completed as of the dates indicated.

	Unaudited Pro Forma Consolidated (In thousands, except for per share data) Nine Months	
	Ended September 30, 2007	Twelve Months Ended December 31, 2006
EARNINGS DATA		
Revenue	\$ 1,169,834	\$ 1,115,546
Expenses	\$ 1,022,280	\$ 1,193,622
Operating income (loss)	\$ 147,554	\$ (78,076)
Other income (expense)	\$ 35,193	\$ (17,286)
Income (loss) before income taxes	\$ 182,747	\$ (95,362)
Income tax provision	\$ 150,800	\$ 55,175
Net income (loss)	\$ 31,947	\$ (150,537)
Basic earnings (loss) per share	\$ 0.08	\$ (0.39)
Diluted earnings (loss) per share	\$ 0.07	\$ (0.39)

	September 30, 2007
BALANCE SHEET DATA	
Total assets	\$ 3,938,815
Total liabilities	\$ 1,092,867
Shareholders' equity	\$ 2,845,948

See accompanying Notes to Unaudited Pro Forma Condensed Consolidated Financial Statements commencing on page 93, which are an integral part of this information

Table of Contents**COMPARATIVE HISTORICAL AND UNAUDITED PRO FORMA PER SHARE DATA**

The following table sets forth for Celgene common stock and Pharmion common stock certain historical and unaudited pro forma consolidated and pro forma-equivalent per share financial information. The unaudited pro forma consolidated and pro forma-equivalent per share information gives effect to the proposed merger as if it had occurred on January 1, 2006. The information in the table is based on, and should be read together with, the historical financial information that Celgene and Pharmion have presented in their respective filings with the SEC and the pro forma financial information that appears elsewhere in this proxy statement/prospectus. See **Where You Can Find More Information** on page 100 and **Unaudited Pro Forma Condensed Consolidated Financial Statements** on page 89.

The unaudited pro forma consolidated and pro forma equivalent data are presented for illustrative purposes only and are not necessarily indicative of actual or future financial position or results of operations that would have been realized if the proposed merger had been completed as of the date indicated or will be realized upon completion of the proposed merger. Neither Celgene nor Pharmion declared or paid any dividends during the periods presented.

			Unaudited Pro Forma Consolidated	Unaudited Pro Forma- Equivalent
			per Share of Celgene Common Stock	per Share of Pharmion Common Stock(1)
	Celgene Historical	Pharmion Historical		
NET INCOME PER SHARE:				
For the year ended December 31, 2006:				
Basic	\$.20	\$ (2.84)	\$ (.39)	\$ (.33)
Diluted	\$.18	\$ (2.84)	\$ (.39)	\$ (.33)
For the nine months ended September 30, 2007:				
Basic	\$.40	\$ (1.05)	\$.08	\$.07
Diluted	\$.36	\$ (1.05)	\$.07	\$.06
BOOK VALUE PER SHARE:				
As of December 31, 2006	\$ 5.26	\$ 8.51	\$ 5.24	\$ 4.39
As of September 30, 2007	\$ 6.43	\$ 10.22	\$ 6.76	\$ 5.66

- (1) Since the exchange ratio is not currently known and will not be known at the time of the special meeting, this column sets forth the maximum exchange ratio (0.8370), as provided in the merger agreement. See **RISK FACTORS** The value of the shares of Celgene common stock that Pharmion stockholders receive in the merger could vary as a result of fluctuations in the price of Celgene common stock on page 25.

Table of Contents**COMPARATIVE STOCK PRICES****Comparison**

Celgene common stock and Pharmion common stock are each listed and traded on The Nasdaq Stock Market under the symbols CELG and PHRM, respectively. The following table sets forth, for the respective periods of Celgene and Pharmion indicated, the high and low sale prices per share of Celgene common stock and Pharmion common stock.

	Celgene Common Stock		Pharmion Common Stock	
	High	Low	High	Low
Year ended December 31, 2005				
First Quarter	\$ 17.62	\$ 12.35	\$ 44.55	\$ 28.75
Second Quarter	21.62	16.60	29.35	18.68
Third Quarter	29.41	19.77	30.12	21.05
Fourth Quarter	32.68	22.59	22.45	16.49
Year ended December 31, 2006				
First Quarter	\$ 44.22	\$ 31.51	\$ 18.77	\$ 14.76
Second Quarter	48.40	36.02	20.87	15.66
Third Quarter	49.41	39.31	22.38	15.56
Fourth Quarter	60.12	41.68	26.70	21.07
Year ended December 31, 2007				
First Quarter	\$ 58.60	\$ 49.46	\$ 32.83	\$ 24.49
Second Quarter	66.95	52.40	32.03	26.13
Third Quarter	72.23	56.50	47.25	23.27
Fourth Quarter	75.44	41.26	68.04	45.77
Year ended December 31, 2008				
First Quarter (through , 2008)	\$	\$	\$	\$

On November 16, 2007, the last trading day prior to the date of the public announcement of the execution of the merger agreement, the last reported sale price per share of Pharmion common stock was \$49.28 and the last reported sale price per share of Celgene common stock was \$64.90. On , the most recent practicable date prior to the date of this proxy statement/prospectus, the last reported sale price per share of Pharmion common stock was \$ and the last reported sale price per share of Celgene common stock was \$. The market prices of shares of Pharmion common stock and Celgene common stock are subject to fluctuation. As a result, Pharmion and Celgene stockholders are urged to obtain current market quotations. On , 2008, there were shares of Pharmion common stock outstanding and on , 2008, there were shares of Celgene common stock outstanding.

Dividend Policy

Celgene has never declared or paid any cash dividends on its common stock. Celgene currently intends to retain any future earnings for funding growth and, therefore, does not anticipate paying any cash dividends on its common stock in the foreseeable future.

Pharmion has never declared or paid any cash dividends on its common stock. Any future payment of cash dividends on Pharmion common stock will be at the discretion of the board of directors and will depend upon Pharmion's results

of operations, earnings, capital requirements, contractual restrictions and other factors deemed relevant by the board of directors of Pharmion. The merger agreement restricts the ability of Pharmion to declare dividends.

Table of Contents

RISK FACTORS

Before you vote, you should carefully consider the risks related to the merger described below, those described in the section entitled "Special Note Regarding Forward-Looking Statements" beginning on page iii and the other information contained in this proxy statement/prospectus or in Celgene's and Pharmion's documents incorporated by reference herein, particularly the risk factors set forth in Celgene's and Pharmion's documents incorporated herein, as set forth under "Where You Can Find More Information" beginning on page 100 (including the risk factors contained in Celgene's Annual Report on Form 10-K for the year ended December 31, 2006, as supplemented by Celgene's Quarterly Reports on Form 10-Q for the quarters ended March 31, 2007, June 30, 2007 and September 30, 2007 and in Pharmion's Annual Report on Form 10-K for the year ended December 31, 2006, as supplemented by Pharmion's Quarterly Reports on Form 10-Q for the quarters ended March 31, 2007, June 30, 2007 and September 30, 2007). By voting in favor of the adoption of the merger agreement, you will be choosing to invest in Celgene common stock. The risks and uncertainties described below and incorporated by reference are not the only ones facing Celgene. If any of the following risks actually occur, Celgene's business, financial condition or results of operations could be materially adversely affected, the value of Celgene common stock could decline and you could lose all or part of your investment.

Risks Related to the Merger

Failure to complete the merger will subject Pharmion to financial and operational risks and could negatively impact the market price of Pharmion common stock.

If the merger is not consummated for any reason, Pharmion will be subject to a number of material risks, including:

the provision in the merger agreement which provides that under specified circumstances Pharmion could be required to pay to Celgene a termination fee of \$70 million;

the market price of Pharmion common stock may decline to the extent that the current market price of such common stock reflects a market assumption that the merger will be consummated;

certain costs related to the merger, such as advisory and accounting fees and expenses, must be paid even if the merger is not consummated;

the possibility that certain key employees may terminate their employment with Pharmion as a result of the proposed merger with Celgene;

benefits that Pharmion expects to realize from the merger, such as the potentially enhanced strategic position of the combined company, would not be realized; and

the diversion of management's attention away from the day-to-day business of Pharmion, reduction in capital spending and acquisitions, suspensions of planned hiring and expansion activities and other restrictive covenants contained in the merger agreement that may impact the manner in which the management of Pharmion is able to conduct the business of the company during the period prior to the consummation of the merger and the unavoidable disruption to employees and Pharmion's relationships with customers and suppliers during the period prior to the consummation of the merger, may make it difficult for Pharmion to regain its financial and market position if the merger does not occur.

In addition, if the merger agreement is terminated and the board of directors of Pharmion determines to seek another business combination, there can be no assurance that Pharmion will be able to find a partner willing to provide equivalent or more attractive consideration than the consideration to be provided in the merger.

Satisfying closing conditions may delay or prevent completion of the merger or affect the combined company in an adverse manner.

Completion of the merger is conditioned upon having obtained approval or the applicable waiting period having expired under the antitrust laws of any applicable foreign jurisdiction and the failure to obtain such approvals or to allow such waiting periods to expire would have a material adverse effect on Celgene. Celgene and Pharmion

Table of Contents

intend to pursue all required approvals in accordance with the merger agreement. The requirement that these approvals be obtained could delay the completion of the merger for a significant period of time after Pharmion stockholders have approved the merger. Celgene and Pharmion filed notification and report forms under the HSR Act with the FTC and the Antitrust Division on December 3, 2007 and the waiting period under the HSR Act expired on January 2, 2008. Although the waiting period has expired, at any time before the effective time of the merger, the Antitrust Division, the FTC or others could take action under the antitrust laws with respect to the merger, including seeking to enjoin the consummation of the merger, to rescind the merger, or to require the divestiture of certain assets of Celgene or Pharmion. There can be no assurance that a challenge to the merger on antitrust grounds will not be made or, if such a challenge is made, that it would not be successful. On December 28, 2007, Celgene, on behalf of both parties, advised a foreign government agency responsible for regulating competition laws, of the proposed merger. The agency may review such filing and related matters and, if it does, the duration of the investigation may be as long as a total of four months (subject to possible further extension), during or after which time it may clear, with or without conditions, or prohibit the merger. The merger agreement provides that the respective obligations of each party to effect the merger are subject to any required approval having been obtained or the applicable waiting period having expired under the antitrust laws of any applicable foreign jurisdictions, the failure of which to be obtained or to have expired, individually or in the aggregate, would have a material adverse effect on Celgene. We cannot assure you, however, that the approval of the agency will be obtained, or that the failure to obtain the approval of the agency will not lead to antitrust or other competition regulators of other jurisdictions investigating or prohibiting the merger or that the other required conditions to closing will be satisfied, and, if all such approvals are obtained and the conditions are satisfied, we cannot assure you as to the terms, conditions and timing of the approvals or that they will satisfy the terms of the merger agreement or that such terms and conditions will not have an adverse effect on the combined company.

The value of the shares of Celgene common stock that Pharmion stockholders receive in the merger could vary as a result of fluctuations in the price of Celgene common stock.

At the effective time of the merger, each outstanding share of Pharmion common stock will be converted into the right to receive (i) that number of shares of Celgene common stock equal to the quotient, which we refer to as the exchange ratio, determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Global Select Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, or the measurement price; provided, however, that if the measurement price is less than \$56.15, each share of Pharmion common stock will be converted into the right to receive 0.8370 shares of Celgene common stock and if the measurement price is greater than \$72.93, each share of Pharmion common stock will be converted into the right to receive 0.6445 shares of Celgene Common Stock and (ii) \$25.00 in cash, without interest. Accordingly, at the time of the special meeting at which Pharmion stockholders will be asked to approve and adopt the merger agreement, the amount of the stock portion of the merger consideration or the value thereof will not be known. Changes in the price of Celgene common stock may affect the value of the consideration that Pharmion stockholders receive in the merger. If the measurement price is less than \$56.15, the value of the stock portion of the merger consideration to be received by Pharmion stockholders will decrease. Variations in the price of Celgene common stock could be the result of changes in the business, operations or prospects of Celgene or Pharmion, market assessments of the likelihood that the merger will be consummated within the anticipated time or at all, general market and economic conditions and other factors which are beyond the control of Celgene or Pharmion. There is no provision in the merger agreement that guarantees a minimum value for the Celgene common stock to be issued at the effective time or that permits Pharmion to terminate the merger agreement if the price of Celgene common stock declines. The measurement price cannot now be determined, since it is a function of the market price of Celgene common stock in the future. If the measurement price is less than \$56.15, the merger consideration will be less than \$72.00 per share of Pharmion common stock. For example, were the measurement price determined over the 15 trading days ended on _____, 2008, the measurement price would have been \$ _____ and therefore Pharmion stockholders would have been entitled to receive _____ shares of

Celgene common stock with a value, based on that measurement price, of _____, plus \$25.00 in cash, for a total hypothetical merger consideration value of \$ _____ per each share of Pharmion common stock.

Table of Contents

The merger may fail to qualify as a reorganization within the meaning of Section 368(a) of the Code.

We expect the merger to qualify as a reorganization within the meaning of Section 368(a) of the Code, if as of the date of the closing of the merger, the value of the Celgene common stock to be issued to Pharmion stockholders pursuant to the merger is not less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL. If, as of the date of the closing of the merger, the value of the Celgene common stock to be issued to Pharmion stockholders pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, the merger will not qualify as a reorganization, the tax opinion conditions described under the caption THE MERGER Material United States Federal Income Tax Consequences will be waived and the holders of Pharmion common stock will recognize a taxable gain or loss on the exchange of their shares in the merger.

For a more detailed description of the tax consequences of the exchange of Pharmion common stock in the merger, see THE MERGER Material United States Federal Income Tax Consequences beginning on page 57.

The market price for Celgene common stock may be affected by factors different from those affecting the market price for Pharmion common stock.

Upon the consummation of the merger, holders of Pharmion common stock will become holders of Celgene common stock. Celgene's businesses differ from those of Pharmion and, accordingly, the results of operations of the combined operations will be affected by factors different from those currently affecting the results of operations of Pharmion. For a discussion of the businesses of Pharmion and Celgene and of certain risk factors to consider in connection with those businesses, see the documents incorporated by reference in this proxy statement/prospectus and referred to under Where You Can Find More Information.

The market price of Celgene common stock may decline as a result of the merger.

The market price of Celgene common stock may decline as a result of the merger if the integration of Celgene and Pharmion is unsuccessful or takes longer than expected; the perceived benefits of the merger are not achieved as rapidly as anticipated, or to the extent anticipated, by financial analysts or investors; or the effect of the merger on Celgene's financial results is not consistent with the expectations of financial analysts or investors.

The integration of Pharmion and other acquired businesses may present significant challenges to Celgene.

Achieving the anticipated benefits of the merger will depend in part upon whether Celgene and Pharmion can integrate their businesses in an efficient and effective manner. In addition, Celgene may acquire additional businesses from time to time. The integration of Pharmion and any future businesses that Celgene may acquire involves a number of risks, including, but not limited to:

demands on management related to the increase in the size of Celgene after the acquisition;

the diversion of management's attention from the management of daily operations to the integration of operations;

higher integration costs than anticipated;

failure to achieve expected synergies and costs savings;

difficulties in the assimilation and retention of employees;

difficulties in the assimilation of different cultures and practices, as well as in the assimilation of broad and geographically dispersed personnel and operations; and

difficulties in the integration of departments, systems, including accounting systems, technologies, books and records, and procedures, as well as in maintaining uniform standards, controls, including internal control over financial reporting required by the Sarbanes-Oxley Act of 2002 and related procedures and policies.

Table of Contents

If Celgene cannot successfully integrate Pharmion or other acquired businesses, Celgene may experience material negative consequences to its business, financial condition or results of operations. Successful integration of Pharmion and other acquired businesses will depend on Celgene's ability to manage these operations, to realize opportunities for revenue growth presented by offerings and expanded geographic market coverage and, to some degree, to eliminate redundant and excess costs. Because of difficulties in combining geographically distant operations, Celgene may not be able to achieve the benefits that it hopes to achieve as a result of the merger.

Celgene may be unable to hire and retain sufficient qualified personnel; the loss of any of its key executive officers could adversely affect Celgene.

Celgene believes that its future success will depend in large part on its ability to attract and retain highly skilled, knowledgeable, sophisticated and qualified managerial, professional and technical personnel. In addition, the success of the combined operations after the merger will depend in part upon Celgene's ability to retain key employees of Pharmion. Key employees may depart because of issues relating to the difficulty of integration or accelerated retirement as a result of change in control severance provisions in their employment agreements with Pharmion. Accordingly, no assurance can be given that Celgene will be able to retain key employees of Pharmion.

Pharmion stockholders will have different rights with respect to their stock ownership following the merger.

Upon consummation of the merger, Pharmion stockholders will become stockholders of Celgene. There are material differences between the rights of stockholders of Pharmion and the rights of stockholders of Celgene. See Comparative Rights of Celgene and Pharmion Stockholders beginning on page 80.

The merger agreement limits Pharmion's ability to pursue alternatives to the merger.

The merger agreement contains no shop provisions that, subject to limited exceptions, preclude Pharmion, whether directly or indirectly through affiliates or other representatives, from soliciting, initiating, knowingly encouraging or taking any other action to facilitate the submission of any acquisition proposal or participating in or knowingly encouraging any discussion or negotiations regarding, or furnishing to any person any information with respect to, or knowingly facilitating or taking any other action with respect to any acquisition proposal (or any proposal reasonably likely to lead to an acquisition proposal). The merger agreement also provides that Pharmion will be required to pay a termination fee of \$70 million to Celgene upon termination of the merger agreement under certain circumstances. These provisions might discourage a potential competing acquirer that might have an interest in acquiring all or a significant part of Pharmion from considering or proposing an acquisition even if it were prepared to pay consideration with a higher per share market price than that proposed in the merger, or might result in a potential competing acquirer proposing to pay a lower per share price to acquire Pharmion than it might otherwise have proposed to pay.

Pharmion executive officers and directors have financial interests in the merger that may be different from, or in addition to, the interests of Pharmion stockholders.

Executive officers of Pharmion negotiated the terms of the merger agreement with their counterparts at Celgene, and the board of directors of Pharmion approved the merger agreement and unanimously recommended that Pharmion stockholders vote to approve the merger. In considering these facts and the other information contained in this proxy statement/prospectus, you should be aware that Pharmion's executive officers and directors have financial interests in the merger that may be different from, or in addition to, the interests of Pharmion stockholders. For a detailed discussion of the special interests that Pharmion's directors and executive officers may have in the merger, please see the section captioned THE MERGER Interests of Certain Persons in the Merger beginning on page 49.

Table of Contents

Risks Related to Celgene Common Stock

The price of Celgene common stock may fluctuate significantly, which may make it difficult for you to sell the common stock when you want or at prices you find attractive.

There has been significant volatility in the market prices for publicly traded shares of biopharmaceutical companies, including shares of Celgene common stock. Celgene expects that the market price of its common stock will continue to fluctuate. The price of Celgene common stock fluctuated from a high of \$75.44 per share to a low of \$41.26 per share in 2007. The price of Celgene common stock may not remain at or exceed current levels. The following key factors may have an adverse impact on the market price of Celgene common stock:

adverse results of Celgene's clinical trials or adverse events associated with its marketed products;

announcements of technical or product developments by Celgene's competitors;

market conditions for pharmaceutical and biotechnology stocks;

market conditions generally;

governmental regulation;

new accounting pronouncements or regulatory rulings;

health care legislation;

public announcements regarding medical advances in the treatment of the disease states that Celgene is targeting;

patent or proprietary rights developments and/or changes in patent laws;

changes in pricing and third-party reimbursement policies for Celgene's products;

fluctuations in Celgene's operating results;

the outcome of litigation involving Celgene's products or processes related to production and formulation of those products or uses of those products; and

competition.

In addition, the stock market in general and the biotechnology sector in particular have experienced extreme volatility that has often been unrelated to the operating performance of a particular company. These broad market fluctuations may adversely affect the market price of Celgene common stock.

The number of shares of Celgene common stock eligible for future sale could adversely affect the market price of Celgene common stock.

Future sales of substantial amounts of Celgene common stock or debt or other securities convertible into common stock could adversely affect the market price of Celgene common stock. As of December 31, 2007, there were

outstanding stock options and warrants to purchase 33,096,086 shares of Celgene common stock, of which 22,320,094 were then vested and exercisable at an exercise price of between \$0.04 per share and \$73.55 per share, with a weighted average exercise price of \$19.25 per share. In addition, in June 2003, Celgene issued \$400.0 million of unsecured convertible notes that are currently convertible into 16,227,441 shares of Celgene common stock at conversion price of \$12.1125. These notes will mature in June 2008. The conversion of some or all of these notes will dilute the ownership interest of Celgene stockholders. In addition, Celgene will issue (assuming the merger is consummated in April 2008) between 24,321,921 and 31,586,420 shares of Celgene common stock in the merger, all of which may be immediately resold.

Table of Contents

INFORMATION ABOUT THE SPECIAL MEETING OF PHARMION STOCKHOLDERS

This section contains information for Pharmion stockholders about the special meeting of Pharmion stockholders being held to consider and vote upon:

a proposal to approve and adopt the merger agreement and to approve the merger on the terms described in the merger agreement;

a proposal to adjourn the special meeting, if necessary, in certain circumstances; and

such other business and matters or proposals as may properly come before the special meeting or any adjournment thereof.

Together with this proxy statement/prospectus, Pharmion is also sending you a notice of the special meeting of Pharmion stockholders and a form of proxy that is being solicited by the board of directors of Pharmion for use at the special meeting of Pharmion stockholders. The information and instructions contained in this section are addressed to Pharmion stockholders and all references to you in this section should be understood to be addressed to Pharmion stockholders.

Date, Time and Place of the Special Meeting of Pharmion Stockholders

This proxy statement/prospectus is being furnished by the board of directors of Pharmion in connection with the solicitation of proxies from holders of Pharmion common stock for use at the special meeting of Pharmion stockholders to be held at _____ on _____, 2008, beginning at 8:30 a.m., Boulder, Colorado time, and at any adjournment of the special meeting of Pharmion stockholders.

Purpose of the Special Meeting of Pharmion Stockholders

The special meeting of Pharmion stockholders will be held to consider and vote upon a proposal to adopt and approve the merger agreement and approve the merger.

Recommendation of Pharmion's Board of Directors

THE BOARD OF DIRECTORS OF PHARMION HAS DETERMINED AND BELIEVES THAT THE MERGER AGREEMENT AND THE MERGER ARE FAIR TO, ADVISABLE FOR, AND IN THE BEST INTERESTS OF, PHARMION AND ITS STOCKHOLDERS AND HAS APPROVED SUCH ITEMS. THE BOARD OF DIRECTORS OF PHARMION UNANIMOUSLY RECOMMENDS THAT PHARMION STOCKHOLDERS VOTE FOR PROPOSAL NO. 1 TO APPROVE AND ADOPT THE MERGER AGREEMENT AND APPROVE THE MERGER.

THE BOARD OF DIRECTORS OF PHARMION UNANIMOUSLY RECOMMENDS THAT PHARMION STOCKHOLDERS VOTE FOR PROPOSAL NO. 2 TO APPROVE THE POSSIBLE ADJOURNMENT OF THE SPECIAL MEETING OF PHARMION STOCKHOLDERS.

Record Date and Outstanding Shares

The board of directors of Pharmion has fixed _____, 2008 as the record date. Only stockholders of record of Pharmion common stock on the books of Pharmion as of the close of business on the record date will be entitled to notice of, and to vote at, the special meeting of Pharmion stockholders and any adjournments of the special meeting of Pharmion

stockholders. At the close of business on the record date, there were shares of Pharmion common stock issued and outstanding held by stockholders of record. The number of record stockholders does not include persons whose stock is held in nominee or street name accounts through brokers.

Quorum Requirement

A majority of all shares of Pharmion common stock outstanding on the record date, represented in person or by proxy, constitutes a quorum for the transaction of business at the special meeting of Pharmion stockholders. You will be considered part of the quorum if you return a signed and dated proxy card, if you vote by telephone or the Internet, or if you vote in person at the special meeting of Pharmion stockholders. Shares of Pharmion common stock voted by a bank or broker holding shares of Pharmion common stock for a beneficial owner are counted as present and entitled to vote for purposes of determining a quorum. Both abstentions and broker non-votes are treated as present for the purpose of determining the presence of a quorum. A broker non-vote occurs on a proposal when

Table of Contents

a broker is not permitted to vote on that proposal without instruction from the beneficial owner of the shares and no instruction is given by the beneficial owner. If a quorum is not present at the special meeting of Pharmion stockholders, Pharmion intends to postpone or seek to adjourn the special meeting to solicit additional proxies.

Vote Required

Each holder of Pharmion common stock will be entitled to one vote, in person or by proxy, for each share of Pharmion common stock registered in the holder's name on the books of Pharmion as of the record date on any matter submitted for the vote of Pharmion stockholders. Proposal No. 1 to approve and adopt the merger agreement and approve the merger will be approved if a majority of the outstanding shares of Pharmion common stock entitled to vote at the special meeting of Pharmion stockholders is voted in favor of such proposal. Your shares may be voted at the special meeting only if you are present or represented by a valid proxy. Proposal No. 2 to adjourn the special meeting, if necessary, to solicit additional proxies in the event there are not sufficient votes in favor of the approval and adoption of the merger agreement and approval of the merger at the time of the special meeting, will be approved if a majority of the shares present in person or represented by proxy at the special meeting and entitled to vote is voted in favor of such proposal.

Failures to vote, abstentions and broker non-votes will have the same effect as a vote against Proposal No. 1. Failures to vote, abstentions and broker non-votes will have no effect on Proposal No. 2. A broker is not permitted to vote on the proposals without instruction from the beneficial owner of the shares of Pharmion common stock held by the broker. Therefore, if your shares of Pharmion common stock are held in an account at a brokerage firm or bank, and you do not provide the broker or bank with instructions on how to vote the shares of Pharmion common stock which you beneficially own in accordance with the instructions received from the brokerage firm or bank, a broker non-vote will occur with respect to those shares of Pharmion common stock.

Shares Beneficially Owned as of the Record Date

As of the record date, Pharmion's executive officers and directors, together with their respective affiliates, owned an aggregate of _____ shares of Pharmion common stock, which is equal to approximately _____ % of the outstanding shares of Pharmion common stock as of the record date, and Pharmion expects that all such shares will be voted in favor of the merger. In particular, certain executive officers and directors of Pharmion, specifically Brian G. Atwood, M. James Barrett, James C. Blair, Cam L. Garner, Gillian C. Ivers-Read, Patrick J. Mahaffy, Erle T. Mast, Edward McKinley, and Thorlef Spickschen, owning an aggregate of _____ shares of Pharmion common stock, which represents approximately _____ % of all shares entitled to vote at the special meeting, have entered into voting agreements with Celgene pursuant to which such executive officers and directors have agreed to vote their shares in favor of the merger agreement and the merger at the special meeting of Pharmion stockholders and to grant Celgene a proxy to vote their shares at the special meeting. Celgene intends to vote all of these shares in favor of the merger.

As of the record date, Celgene owned approximately 1,939,598 shares of Pharmion common stock, which is equal to approximately _____ % of all shares entitled to vote at the special meeting. Celgene intends to vote all of these shares in favor of the merger.

Voting at the Special Meeting of Pharmion Stockholders

If you are a Pharmion stockholder of record on the record date and you attend the special meeting of Pharmion stockholders, you may vote in person by completing a ballot at the special meeting of Pharmion stockholders even if you already have signed, dated and returned a proxy card. If your shares of Pharmion common stock are held in the name of a broker or nominee, you may not vote your shares of Pharmion common stock in person at the special meeting of Pharmion stockholders unless you obtain a signed proxy from the record holder giving you the right to

vote the shares of Pharmion common stock.

Proxies

Pharmion stockholders of record may submit their proxies by mail by completing, signing and dating the enclosed proxy card and returning it in the enclosed prepaid envelope. We recommend you do so promptly to help ensure timely delivery so that your shares may be voted at the special meeting. Your proxy card will instruct the persons named on the card to vote your shares at the special meeting as you direct on the card. Pharmion stockholders of record may submit

Table of Contents

their proxies by using the telephone or the Internet. Instructions for voting by using the telephone or the Internet are printed on the proxy voting instructions attached to the proxy card. In order to submit a proxy via the Internet, please have your proxy card available so you can input the required information from the card. The proxy card shows the Internet website address. When you log on to the Internet website address, you will receive instructions on how to proceed with submitting a proxy for your shares. The telephone and Internet proxy submission procedures are designed to authenticate votes cast by use of a personal identification number. These procedures allow Pharmion stockholders to appoint a proxy to vote their shares of Pharmion common stock, and to confirm that their instructions have been properly recorded.

Shares Held Through Brokerage Accounts. If your shares of Pharmion common stock are held in the name of a broker or nominee, you should follow the instructions provided by that broker or nominee on how to direct the voting of your shares of Pharmion common stock.

How Proxies Will Be Voted. All shares of Pharmion common stock represented by proxies properly executed and received by Pharmion before or at the special meeting of Pharmion stockholders will be voted in accordance with the instructions indicated on the proxies. If the proxy is properly completed, signed and returned but no instructions are indicated, the shares of Pharmion common stock will be voted FOR Proposal No. 1, the approval and adoption of the merger agreement and approval of the merger, and the shares of Pharmion common stock will be voted FOR Proposal No. 2, the proposal to adjourn the special meeting of Pharmion stockholders, if necessary.

The grant of a proxy will confer discretionary authority on the persons named in the proxy as proxy appointees to vote in accordance with their best judgment on procedural matters incident to the conduct of the Pharmion special meeting. Unless otherwise indicated, proxies which specify a vote against approval and adoption of the merger agreement and approval of the merger will not be voted in favor of any adjournment of the Pharmion special meeting for the purpose of soliciting additional votes in favor of the approval and adoption of the merger agreement and approval of the merger.

Revoking Your Proxy. If you grant a proxy in respect of your shares of Pharmion common stock and then attend the special meeting of Pharmion stockholders, your attendance at the special meeting of Pharmion stockholders, or at any adjournment of the special meeting of Pharmion stockholders, will not automatically revoke your proxy. You can, however, revoke a proxy at any time prior to its exercise by:

attending the special meeting and voting in person;

delivering to Pharmion's Corporate Secretary a written notice of revocation before the special meeting of Pharmion stockholders (or, if the special meeting of Pharmion stockholders is adjourned or postponed, before the adjourned or postponed meeting is actually held); or

delivering to Pharmion's Corporate Secretary a later-dated, duly executed proxy (including a proxy by telephone or the Internet) before the special meeting of Pharmion stockholders (or, if the special meeting of Pharmion stockholders is adjourned or postponed, before the adjourned or postponed meeting is actually held).

If you hold shares through a broker, trustee or nominee, you must contact your financial institution, broker or nominee for information on how to revoke your proxy or change your vote.

Solicitation of Proxies

Pharmion is conducting this proxy solicitation. In addition to these mailed proxy materials, Pharmion's directors and employees may also solicit proxies or votes in person, by telephone or by other means of communication. Directors

and employees will not be paid any additional compensation for soliciting proxies. Pharmion has also retained MacKenzie Partners, Inc., a proxy solicitation firm, to solicit proxies on behalf of Pharmion. Pharmion has agreed to pay MacKenzie Partners, Inc. an estimated fee of \$100,000, plus its out-of-pocket expenses in connection with such solicitation of proxies on behalf of Pharmion. Pharmion will bear the costs it incurs in the solicitation of proxies under this proxy statement/prospectus, and will also reimburse brokerage firms, banks and other nominees for their costs in forwarding proxy materials to Pharmion's beneficial owners.

Other Business

As of the date of this proxy statement/prospectus, the board of directors of Pharmion is not aware of any business to be acted upon at the special meeting of Pharmion stockholders other than as described in this proxy

Table of Contents

statement/prospectus. A specific proposal has been included on the proxy card to authorize the holder of the proxy to act in accordance with the recommendation of the board of directors of Pharmion with respect to any other matter that may properly come before the special meeting or any adjournment or postponement thereof.

Householding

In December 2000, the SEC adopted a rule concerning the delivery of proxy materials. The rule allows Pharmion or your broker to send a single set of Pharmion's proxy materials to any household at which two or more Pharmion stockholders reside, if Pharmion or your broker believes that the stockholders are members of the same family. This practice, referred to as householding, benefits both you and Pharmion. It reduces the volume of duplicate information received at your household and helps to reduce Pharmion's expenses. The rule applies to Pharmion's annual reports, proxy statements and information statements. Once you receive notice from your broker or from Pharmion that communications to your address will be householded, the practice will continue until you are otherwise notified or until you revoke your consent to the practice. Each stockholder will continue to receive a separate proxy card or voting instruction card.

If your household received a single set of proxy materials but you would prefer to receive a set for each stockholder, or if you share a household with another stockholder and you received multiple sets of proxy materials and would like to receive only one set, please follow these instructions:

If you are a stockholder of record, please contact Pharmion's transfer agent, American Stock Transfer & Trust Company, and inform it of your request by calling (800) 937-5449 or write to it at 59 Maiden Lane, New York, New York 10038.

If a broker, trustee or other nominee holds your shares, please contact the broker, trustee or other nominee directly and inform it of your request. Be sure to include your name, the name of your brokerage firm and your account number.

To Attend the Special Meeting of Pharmion Stockholders

Only stockholders as of the close of business on the record date, authorized proxy holders and Pharmion's guests may attend the special meeting. Your name will be verified against the list of stockholders of record on the record date prior to your being admitted to the special meeting. If you are not a stockholder of record but hold shares through a broker, trustee or nominee (i.e., in street name), you should provide proof of beneficial ownership on the record date, such as your most recent account statement prior to _____, 2008, a copy of the voting instruction card provided by your broker, trustee or nominee, or other similar evidence of ownership. If you do not provide photo identification or comply with the other procedures outlined above, you will not be admitted to the special meeting.

Communications by Pharmion Stockholders with Pharmion

Any written revocation of a proxy or demand for appraisal should be addressed to Pharmion Corporation, Attention: Corporate Secretary, 2525 28th Street, Suite 200, Boulder, Colorado 80301. All other communications in connection with this proxy statement/prospectus and any requests for additional copies of this proxy statement and prospectus or the proxy card should be addressed to Pharmion Corporation, Attention: Investor Relations, 2525 28th Street, Suite 200, Boulder, Colorado 80301. If you have any questions or need further assistance in voting your shares of Pharmion common stock, please call Pharmion at (720) 564-9150.

Your vote is important. Please sign, date and return your proxy card or submit your proxy and/or voting instructions by telephone or through the Internet promptly.

Table of Contents

PHARMION PROPOSAL NO. 1 APPROVAL OF THE MERGER

THE MERGER

General

On November 17, 2006 and November 18, 2007, respectively, each of Pharmion's and Celgene's board of directors approved the merger agreement, which provides for the acquisition of Pharmion by Celgene through a merger of Pharmion with Merger Sub, a newly formed and wholly-owned subsidiary of Celgene, with the surviving company remaining a wholly-owned subsidiary of Celgene. Upon consummation of the merger, each share of Pharmion common stock will be converted into the right to receive (i) that number of shares of Celgene common stock equal to the quotient, which we refer to as the exchange ratio, determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Global Select Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, which we refer to as the measurement price; provided, however, that if the measurement price is less than \$56.15, each share of Pharmion common stock will be converted into the right to receive 0.8370 shares of Celgene common stock and if the measurement price is greater than \$72.93, each share of Pharmion common stock will be converted into the right to receive 0.6445 shares of Celgene common stock and (ii) \$25.00 in cash, without interest. Pharmion stockholders will not receive any fractional shares of Celgene common stock in the merger. Instead, any stockholder who would otherwise be entitled to a fractional share of Celgene common stock will be entitled to receive an amount in cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price.

Background of the Merger

Since 2001, Pharmion and Celgene have been parties to an agreement under which Pharmion has exclusive rights to market Thalidomide Pharmion in all countries other than the United States, Canada, Mexico, Japan and all provinces of China except Hong Kong. In addition, in connection with transactions occurring in 2001 and 2003, Celgene acquired 1,939,598 shares of Pharmion common stock, which represented approximately % of the outstanding shares of Pharmion common stock as of the record date. See Certain Relationships Between Celgene and Pharmion on page 53.

During the period from January 2004 to January 2007, representatives of Celgene and Pharmion, from time to time, engaged in a number of informal discussions regarding changes to the then existing relationship between Celgene and Pharmion, including the possibility of Celgene acquiring Pharmion. Celgene consulted with J.P. Morgan Securities Inc. and Merrill Lynch & Co. and discussed retaining them as financial advisors to Celgene with respect to a potential transaction with Pharmion. These discussions between Celgene and Pharmion did not lead to any specific proposals or agreements and were ultimately discontinued.

In the first quarter of 2007, Sol Barer, Chairman and Chief Executive Officer of Celgene, called Patrick J. Mahaffy, President and Chief Executive Officer of Pharmion, to discuss the possibility of Celgene acquiring Pharmion. Mr. Mahaffy indicated to Dr. Barer that Pharmion was not actively seeking a sale of the company, but would consider any bona fide, reasonable proposal.

In May and June 2007, Pharmion completed a public offering of 4,600,000 shares of its common stock at \$30.00 per share.

On May 18, 2007, Robert J. Hugin, President and Chief Operating Officer of Celgene, met with Mr. Mahaffy, at a conference in Florence, Italy that each was attending, and indicated that Celgene was still interested in possibly acquiring Pharmion.

On August 2, 2007, Pharmion announced topline results from the multi-institutional, international, randomized, Phase 3 controlled trial of Vidaza versus conventional care regimens (CCR) in the treatment of patients with higher- risk myelodysplastic syndromes (MDS).

On August 17, 2007, Celgene consulted with J.P. Morgan Securities Inc. and Merrill Lynch & Co. as its financial advisors in connection with the possible acquisition of Pharmion by Celgene.

Table of Contents

On August 22, 2007, at a regular meeting of the board of directors of Celgene, the board of directors received reports from Celgene's management concerning potential acquisition transactions, including a potential transaction with Pharmion. The board of directors encouraged Celgene's management to pursue a potential transaction with Pharmion.

On August 23, 2007, Dr. Barer, Mr. Hugin and Mr. Mahaffy met in New York City. At this meeting Dr. Barer reiterated Celgene's interest in possibly acquiring Pharmion and conveyed a non-binding expression of interest for Celgene to acquire all of the outstanding shares of Pharmion common stock in a merger transaction at \$57 per share of Pharmion common stock.

Thereafter, Pharmion contacted Banc of America Securities, an investment banking firm with which Pharmion had worked in the past, to act as its financial advisor in connection with the possible acquisition of Pharmion by Celgene.

On August 24, 2007, Pharmion received a letter from Celgene confirming the non-binding expression of interest for Celgene to acquire all of the outstanding shares of Pharmion common stock in a merger transaction at \$57 per share of Pharmion common stock. Mr. Mahaffy promptly contacted the members of Pharmion's board of directors to advise them of this offer, and he indicated that a meeting of the board would be convened to discuss this offer.

On September 15, 2007, at a special meeting of the board of directors of Pharmion, Mr. Mahaffy formally presented to the directors the offer made by Celgene to acquire Pharmion. After discussing the offer, the board of directors of Pharmion determined that Celgene's offer significantly undervalued Pharmion. Mr. Mahaffy conveyed such determination of the board of directors to Dr. Barer by letter dated September 17, 2007. In addition, the board of directors of Pharmion discussed whether to conduct a sale process for Pharmion at such time and concluded that an auction process would not be in the best interests of Pharmion or its stockholders as it was likely to become known within Pharmion and could significantly damage ongoing efforts inside Pharmion to complete key regulatory processes and to begin the process of augmenting Pharmion's sales force in anticipation of the receipt of European marketing approval for thalidomide and ultimately Vidaza as well. The board of directors of Pharmion also determined that, given Celgene's repeated indications of interest in acquiring Pharmion, it was worth exploring whether Celgene would be prepared to make an offer that might be considered compelling. Accordingly, the board of directors instructed Mr. Mahaffy to advise Dr. Barer that Pharmion was not prepared to engage in further discussions with Celgene regarding an acquisition of Pharmion at offers that valued Pharmion below \$70 per share of Pharmion common stock, which Mr. Mahaffy conveyed to Dr. Barer in a telephone conversation the following day.

From September 17, 2007 to October 14, 2007, Mr. Mahaffy, Erle T. Mast, Chief Financial Officer of Pharmion, Dr. Barer and Mr. Hugin engaged in a number of conversations and meetings regarding the possible acquisition of Pharmion by Celgene. During these conversations and meetings Mr. Mahaffy and Mr. Mast shared with Dr. Barer and Mr. Hugin certain non-confidential information about the business, operations and products of Pharmion. They also shared their views, based on public information, concerning product development activities involving both Pharmion products and the products of third parties that compete with Pharmion, including the probable outcomes of ongoing clinical trials of competing products.

On September 27, 2007, Mr. Mahaffy received a call from an executive officer of another pharmaceutical company during which conversation that executive officer expressed an interest in engaging in discussions with Pharmion on a range of possible business relationships, including a potential acquisition of Pharmion by such other pharmaceutical company. Mr. Mahaffy indicated that Pharmion was not actively seeking a sale of the company, but would consider a proposal of \$70 or more per share of Pharmion common stock. Pharmion did not receive a specific indication of interest from this other pharmaceutical company, nor did it receive a request from it for confidential information or to conduct a due diligence investigation of Pharmion.

On October 11, 2007, at a regular meeting of the board of directors of Celgene, the board of directors received a report of the prior discussions between the managements of Celgene and Pharmion and preliminarily discussed the potential acquisition of Pharmion. The board of directors instructed Celgene's management to continue to engage in discussions with Pharmion's management concerning the potential acquisition.

Table of Contents

On October 14, 2007, Dr. Barer called Mr. Mahaffy to convey a non-binding expression of interest for Celgene to acquire all of the outstanding shares of Pharmion common stock in a merger transaction in the range of \$69 to \$75 per share of Pharmion common stock payable in an unspecified combination of cash and shares of Celgene common stock. Celgene was able to increase its range based in part on information and views conveyed to Celgene by Pharmion. Dr. Barer indicated that Celgene believed that it could further refine this proposal only if it were permitted to conduct confirmatory due diligence under a confidentiality agreement.

On October 14, 2007, at a special meeting of the board of directors of Pharmion at which representatives of Pharmion's management and legal and financial advisors were present, Mr. Mahaffy informed the directors about his conversations with Dr. Barer regarding Celgene's latest expression of interest to acquire Pharmion. The board of directors of Pharmion authorized Mr. Mahaffy to engage in discussions with representatives of Celgene regarding a possible transaction along the parameters proposed by Celgene, but expressed its belief that it was important to have increased certainty as to the value of the merger consideration to be received by the stockholders of Pharmion at closing and, in that light, specifically directed Mr. Mahaffy to negotiate for (i) a significant portion of the merger consideration to be payable in cash, (ii) a collar around the stock portion of the merger consideration and (iii) a walk-away right if the trading price of Celgene common stock should significantly decrease during the time between signing and closing of the transaction. In addition, recognizing that the antitrust clearance process may take several months, during which time Pharmion would be constrained in implementing its expansion and marketing plans, the board of directors of Pharmion directed Mr. Mahaffy to negotiate for a reverse termination fee in case the transaction did not receive antitrust clearance by some outside date. In addition, the board of directors of Pharmion again discussed whether to conduct a sale process for Pharmion and again concluded that an auction process would not be in the best interests of Pharmion or its stockholders for the same reasons as outlined above and would also risk the withdrawal of Celgene's offer or an adverse change in such offer in the context of an auction. The board of directors of Pharmion also believed that it could negotiate for a sufficiently modest termination fee under the merger agreement that would not unreasonably deter another potential bidder from considering a transaction with Pharmion at a higher price. After this meeting of the board of directors of Pharmion, Mr. Mahaffy called Dr. Barer and conveyed to Dr. Barer the discussions that had taken place at the meeting of the board of directors of Pharmion. Mr. Mahaffy and Dr. Barer agreed to pursue further discussions both directly and through their respective representatives and to begin a due diligence review of the business and operations of the other.

On October 17, 2007, Pharmion and Celgene entered into a mutual confidentiality agreement and each of Celgene and Pharmion began sharing confidential information with the other as part of each company's due diligence review of the other. As part of the due diligence process, the senior management of each of Pharmion and Celgene made presentations to the other and their respective advisors.

On October 18, 2007, Proskauer Rose LLP, counsel to Celgene, provided to Willkie Farr & Gallagher LLP, counsel to Pharmion, an initial draft of the merger agreement.

On October 22, 2007, Willkie Farr provided a revised draft of the merger agreement to Proskauer Rose. Thereafter, Willkie Farr and Proskauer Rose had numerous conversations concerning the terms of the merger agreement.

On October 24, 2007, at a regular meeting of the board of directors of Pharmion, Mr. Mahaffy updated the directors as to the status of negotiations with Celgene and discussed certain diligence items and contract issues that were still under negotiation.

From October 24, 2007 to November 16, 2007, the parties, together with their respective outside counsel and financial advisors, engaged in negotiations of the merger agreement, voting agreement and other related documentation, including with respect to representations and warranties, interim operating covenants, non-solicitation of alternative transactions, conditions to closing, termination rights, including a walk-away right in the event the trading price of

Celgene common stock should significantly decline during the time between signing and closing of the transaction, and termination fees, including a reverse termination fee in case the transaction did not receive antitrust clearance by some outside date. During this period, final agreement on these and other issues was reached over the course of numerous discussions involving Mr. Mahaffy, Mr. Mast and Steven N. Dupont, General Counsel of Pharmion, on the one hand, and Dr. Barer, Mr. Hugin and David W. Gyska, Chief Financial Officer of Celgene,

Table of Contents

on the other hand, and the companies' respective legal and financial advisors. In addition, during this period, the parties continued their respective due diligence reviews of the business and operations of the other.

On November 1, 2007, Dr. Barer and Mr. Hugin met with Mr. Mahaffy, Mr. Mast and Mr. Dupont in Boulder, Colorado to discuss certain diligence items.

On November 2, 2007, the board of directors of Pharmion held a telephonic meeting to discuss the status of negotiations with Celgene.

On November 5, 2007, Dr. Barer, Mr. Hugin and David W. Gyska, Chief Financial Officer of Celgene, met with Mr. Mahaffy, Mr. Mast and Mr. Dupont in Short Hills, New Jersey to discuss the key outstanding issues in the draft merger agreement, certain diligence items and employee related matters.

On November 6, 2007, Mr. Mahaffy, Mr. Dupont and representatives from Willkie Farr met with Dr. Barer, Mr. Hugin and representatives from Proskauer Rose and Arnold & Porter at the offices of Proskauer Rose to discuss certain potential antitrust issues related to the proposed merger.

On November 8, 2007, the board of directors of Pharmion held a telephonic meeting to discuss the status of negotiations with Celgene.

On November 16, 2007, Dr. Barer, Mr. Hugin, Mr. Mahaffy, Mr. Mast and Mr. Dupont, together with the companies' respective legal and financial advisors, met at the offices of Willkie Farr to finalize the terms of the merger agreement and to resolve outstanding due diligence matters. At this meeting, Pharmion's legal advisors reported to Celgene and its advisors that two funds affiliated with certain of Pharmion's directors would not execute the voting agreement in the absence of a Pharmion walk-away right in the event the trading price of Celgene common stock should significantly decline during the time between signing and closing of the transaction. The merger agreement did not contain such a walk-away right and the two funds did not execute the voting agreement.

On November 17, 2007, the board of directors of Pharmion convened in person at the offices of Willkie Farr to discuss the merger agreement. Representatives of Willkie Farr were present to answer questions from the members of the board of directors relating to the merger agreement and the collateral documents. Representatives of Banc of America Securities were also present for portions of the meeting. Banc of America Securities reviewed with the board of directors of Pharmion its financial analysis of the per share merger consideration and delivered to the board of directors of Pharmion an oral opinion, which was confirmed by delivery of a written opinion dated November 17, 2007, to the effect that, as of that date and based on and subject to various assumptions and limitations described in its opinion, the per share merger consideration to be received by holders of Pharmion common stock (other than Celgene, Merger Sub and their respective affiliates) was fair, from a financial point of view, to such holders. The board of directors of Pharmion unanimously approved the merger agreement and the transactions contemplated thereby, including the merger.

On November 18, 2007, the board of directors of Celgene convened a special meeting of the board at the offices of Celgene to consider the merger agreement. Representatives of Proskauer Rose, J.P. Morgan Securities Inc. and Merrill Lynch & Co. were present to advise the members of the board of directors with respect to the merger agreement and the collateral documents. The board of directors of Celgene reviewed, among other matters, Celgene's management's business rationale for the acquisition of Pharmion, the results of Celgene's due diligence review of information provided by Pharmion, financial analyses concerning the merger consideration, and the terms of the merger agreement. The board of directors of Celgene and the manager of Merger Sub unanimously approved the merger agreement and the transactions contemplated thereby, including the merger.

On the evening of November 18, 2007, Pharmion, Celgene and Merger Sub executed and delivered the merger agreement. Following the execution and delivery of the merger agreement, Pharmion and Celgene issued a joint press release announcing the execution of the merger agreement.

Recommendations of the Board of Directors of Pharmion; Pharmion's Reasons for the Merger

In evaluating the merger agreement and the merger, the board of directors of Pharmion consulted with Pharmion's management and legal and financial advisors and, in reaching its decision to approve the merger agreement and to recommend that Pharmion stockholders vote for the approval and adoption of the merger

Table of Contents

agreement and the merger, the board of directors of Pharmion considered a variety of factors supporting the approval of the merger, including the following:

the offered merger consideration value of \$72.00 per share of Pharmion common stock (assuming the measurement price of Celgene common stock used to calculate the stock portion of the merger consideration does not fall below \$56.15), payable in a combination of cash and shares of Celgene common stock, is significantly above the historical trading prices of shares of Pharmion common stock and represents a premium of approximately:

46.1% over the closing price (\$49.28) of Pharmion common stock on November, 16, 2007 (the last trading date prior to the meeting of the board of directors of Pharmion);

46.3% over the average closing price (\$49.21) of Pharmion common stock for the 30 trading days ending on November 16, 2007;

72.6% over the average closing price (\$41.71) of Pharmion common stock for the 90 trading days ending on November 16, 2007;

38.5% over the 52-week high closing price (\$52.00) of Pharmion common stock, which occurred on November 5, 2007; and

31.3% over the all-time high closing price (\$54.84) of Pharmion common stock, which occurred on September 21, 2004;

the belief that the merger consideration represents a significant premium to Pharmion stockholders, which belief is based on, among other measures, projected revenue and price-to-earnings ratios of Pharmion;

the fact that approximately 35% of the merger consideration is in cash, which provides immediate liquidity and a high degree of certainty of value to Pharmion stockholders;

the fact that approximately 65% of the merger consideration is in shares of Celgene common stock, which allows stockholders of Pharmion to participate in the benefits of a more diversified company with greater resources and to benefit from any future growth of the combined company;

the fact that the value of the stock portion of the merger consideration is buffered from fluctuations in the trading price of the shares of common stock of Celgene to the extent that the trading price of the shares of Celgene common stock is between \$56.15 and \$72.93;

the belief that the trading price of shares of Pharmion common stock is not likely to trade consistently at or above the value of the merger consideration in the near future, which belief is based on a number of factors, including, among other things:

the directors' knowledge and understanding of Pharmion and the industry in which Pharmion operates; and
management's projections and business plan;

the ability of Pharmion stockholders to recognize significant value through the proceeds of the merger versus the continued risk of holding Pharmion common stock, taking into account the uncertainty of achieving management's projections and the unpredictability of Pharmion's operating results going forward;

the belief of the Pharmion board of directors that the merger consideration would result in greater value to Pharmion stockholders than either pursuing management's current business plan or undertaking any alternative course of action;

the fact that if the measurement price of Celgene common stock used to calculate the stock portion of the merger consideration is above \$72.93, the value of the total merger consideration to be received by Pharmion stockholders will increase above \$72.00 per share of Pharmion common stock;

the risk posed by competition from existing pharmaceutical therapies and the introduction of new pharmaceutical therapies, including the risk that generic versions of Pharmion's products may be introduced,

Table of Contents

particularly with respect to Vidaza beginning in 2011, and the potential effect on Pharmion's product sales of an introduction of such generic products;

the risks involved in Pharmion's product development pipeline, including the risks of clinical data outcome, approval for marketing by the U.S. Food and Drug Administration, or the FDA, the EMEA, and other foreign regulatory agencies and any potential conditions or contingencies for that approval, market acceptance if approved, and other factors affecting the revenues and profitability of pharmaceutical products generally and, more specifically, the risks involved in the pending applications in the EMEA for the authorization to market Thalidomide Pharmion and Vidaza in the European Union;

increasing price pressure on Pharmion's products from regulatory authorities and third-party payors, such as Medicare, Medicaid and managed care organizations;

the consolidation in the pharmaceutical industry;

the belief that the merger of the operations of Pharmion and Celgene would be strategically sound and lead to improved operating efficiencies, as well as diversity and depth in its product line, pipelines and geographic areas;

the results of Pharmion's due diligence review of Celgene's products, business, finances, operations and perceived prospects;

the fact that all of Pharmion's directors support the merger and those requested by Celgene have executed voting agreements whereby such individuals have agreed to vote their shares of Pharmion common stock in favor of the consummation of the merger, although, as described under "Background of the Merger," above, two funds affiliated with two of Pharmion's directors declined to enter into such voting agreements;

management's assessment, after consultation with Pharmion's financial advisor, that Celgene will have adequate capital resources to pay the cash portion of the merger consideration;

the absence of a financing condition to Celgene's obligation to consummate the merger;

management's assessment that the merger will qualify as a tax-free transaction for U.S. federal income tax purposes if the value of the stock portion of the merger consideration is equal to at least 40% of the value of the aggregate consideration to be issued pursuant to the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, and the provision in the merger agreement to restructure the merger as a reverse merger if such test is not met;

the limited nature of the closing conditions included in the merger agreement, including antitrust consents and requisite approvals of Pharmion stockholders, and the fact that most of the conditions are qualified by reference to materiality or material adverse effect, which the board of directors of Pharmion believes is a standard that enhances the probability of completing the transaction;

the fact that the merger agreement permits Pharmion to furnish information to and conduct negotiations with an unsolicited third party in certain circumstances in connection with an alternative transaction proposal if the failure to do so would be reasonably likely to violate the board of directors' fiduciary obligations under applicable law;

the fact that the merger agreement permits the board of directors of Pharmion to change its recommendation of the transaction to stockholders in connection with an unsolicited superior proposal by a third party for an alternative transaction if the failure to do so would be reasonably likely to violate the board of directors fiduciary obligations under applicable law;

the amount of the termination fee payable by Pharmion and the circumstances under which it is payable; notwithstanding that the termination payment provisions of the merger agreement could have the effect of discouraging alternative transaction proposals, on balance the board of directors determined that the amount of the fee that Pharmion may be obligated to pay, and the circumstances under which it may be payable, are typical for transactions of this size and type, would not likely discourage an alternative transaction proposal from an interested bidder and were necessary to induce Celgene to enter into the merger agreement;

Table of Contents

the amount of the termination fee payable by Celgene if the merger agreement is terminated by either party as a result of a failure to obtain antitrust approval of the merger by September 30, 2008 and at the time of such termination certain other conditions to the obligations of Celgene to effect the merger have been satisfied;

the fact that Pharmion may terminate the merger agreement if an unsolicited superior proposal for an alternative transaction were to be made by a third party, provided that Pharmion complies with certain requirements, including payment of a \$70 million termination fee to Celgene;

the fact that the merger agreement provides sufficient operating flexibility for Pharmion to generally conduct its business in the ordinary course between the execution of the merger agreement and the consummation of the merger, including the ability to implement a retention plan for its employees, even though the merger agreement does impose certain constraints on the ability of Pharmion to engage in extraordinary transactions;

management's assessment that antitrust approvals necessary to consummate the merger are likely to be obtained; and

the financial presentation and opinion of Banc of America Securities, dated November 17, 2007, to the board of directors of Pharmion as to the fairness, from a financial point of view and as of the date of the opinion, of the per share merger consideration to be received by holders of Pharmion common stock (other than Celgene, Merger Sub and their respective affiliates), as more fully described below in the section entitled "Opinion of Pharmion's Financial Advisor."

The board of directors of Pharmion also considered the following factors supporting the procedural fairness of the merger, including the following:

the merger requires the approval of the holders of a majority of the outstanding shares of Pharmion common stock entitled to vote at the special meeting;

subject to certain conditions, the terms of the merger agreement allow the board of directors of Pharmion to exercise its fiduciary duties to consider unsolicited alternative transaction proposals;

the terms of the merger agreement allow the board of directors of Pharmion to change its recommendation of the transaction to stockholders in connection with an unsolicited superior proposal by a third party for an alternative transaction if the failure to do so would be reasonably likely to violate the board of directors' fiduciary duties under applicable law;

the belief that the termination fee amount under the merger agreement is reasonable compared to other similar public company merger transactions, and would not unreasonably deter another potential bidder from considering a transaction with Pharmion at a higher price;

subject to certain conditions, Pharmion would be entitled to receive a termination fee of \$70 million if the merger agreement is terminated by either party as a result of a failure to obtain antitrust approval of the merger by September 30, 2008 and at the time of such termination certain other conditions to the obligations of Celgene to effect the merger shall have been satisfied; and

Pharmion stockholders who do not vote in favor of the merger will have the right to require an appraisal of their common stock, in which case they would have the value of their shares determined by the Delaware Court of Chancery, and will have the right to receive payment based on that valuation, subject to the closing

condition that holders of not more than 25% of Pharmion common stock exercise such appraisal rights.

The board of directors of Pharmion also considered a variety of risks and other potentially negative factors, including the following:

following the merger, Pharmion will no longer exist as an independent, stand-alone company and its stockholders who retain their shares of Celgene common stock issued pursuant to the merger will have a limited participation in any future growth of Pharmion after the merger or any synergies resulting therefrom;

Table of Contents

if the measurement price of Celgene common stock used to calculate the stock portion of the merger consideration is below \$56.15, the value of the merger consideration to be received by Pharmion stockholders will decrease below \$72 per share;

Pharmion stockholders, upon completion of the merger, will be required to surrender their shares of Pharmion common stock involuntarily in exchange for cash and shares of common stock of Celgene as provided in the merger agreement (subject to the right of stockholders to pursue appraisal rights), and the stockholders will not have the right thereafter to liquidate their shares at a time and for a price of their choosing;

the possibility that, although the merger provides stockholders of Pharmion the opportunity to realize a substantial premium over the price at which Pharmion common stock traded prior to public announcement of the merger, the price of Pharmion common stock might increase in the future to a price greater than the value of the merger consideration, including as a result of changes in the competitive landscape in which Pharmion operates, the release of favorable clinical data with respect to Pharmion's products or the release of unfavorable clinical data with respect to competing pharmaceutical therapies;

the merger agreement precludes Pharmion from actively soliciting alternative transaction proposals from third parties;

if the merger is not consummated for certain reasons, Pharmion may be required to pay a termination fee to Celgene equal to \$70 million;

the merger is conditioned upon the receipt of certain antitrust approvals, which are beyond the control of Pharmion, and seeking such approvals could be a lengthy and expensive process, and may not be successful;

between the date of execution of the merger agreement and closing, Pharmion will not be able to take certain actions without the consent of Celgene, including engaging in certain extraordinary transactions, and more specifically, the launch of the marketing and sales of Thalidomide Pharmion and Vidaza in the E.U. may be severely restricted, as it may be difficult for Pharmion to retain employees;

the risks and costs to Pharmion if the merger is not consummated, including the diversion of management attention and employee attrition and the potential effect on business and customer relationships, including limitations imposed by the pendency of the merger on the hiring of salespersons for the launch of the marketing of Thalidomide Pharmion and Vidaza in the E.U.; and

the fact that Pharmion did not undertake a full public auction prior to entering into the merger agreement; although the board of directors of Pharmion was satisfied that the terms of the merger agreement, including the ability of the board of directors to exercise its fiduciary duties to consider unsolicited potential alternative transaction proposals and the amount of the termination fee payable by Pharmion upon acceptance of an alternative transaction proposal, would not unreasonably deter another potential bidder from considering a transaction with Pharmion at a higher price.

The board of directors of Pharmion considered all of the foregoing factors as a whole and concluded that such factors supported a favorable determination to approve and adopt the merger agreement and to recommend the merger agreement to the Pharmion stockholders.

The foregoing discussion of the information and factors discussed by the board of directors of Pharmion is not exhaustive but does include the material factors considered by the board of directors of Pharmion. The board of

directors of Pharmion did not quantify or assign any relative or specific weight to the various factors that it considered. Rather, the board of directors of Pharmion considered and based its recommendation on the totality of the information presented to it. In addition, individual members of the board of directors of Pharmion may have given no weight or different weights to different factors.

Opinion of Pharmion's Financial Advisor

Pharmion has retained Banc of America Securities to act as Pharmion's financial advisor in connection with the merger. Banc of America Securities is an internationally recognized investment banking firm which is regularly

Table of Contents

engaged in the valuation of businesses and securities in connection with mergers and acquisitions, negotiated underwritings, secondary distributions of listed and unlisted securities, private placements and valuations for corporate and other purposes. Pharmion selected Banc of America Securities to act as Pharmion's financial advisor in connection with the merger on the basis of Banc of America Securities' experience in transactions similar to the merger, its reputation in the investment community and its familiarity with Pharmion and its business.

On November 17, 2007, at a meeting of the board of directors of Pharmion held to evaluate the merger, Banc of America Securities delivered to the board of directors of Pharmion an oral opinion, which was confirmed by delivery of a written opinion dated November 17, 2007, to the effect that, as of the date of the opinion and based on and subject to various assumptions and limitations described in its opinion, the per share merger consideration to be received by holders of Pharmion common stock (other than Celgene, Merger Sub and their respective affiliates) was fair, from a financial point of view, to such holders.

The full text of Banc of America Securities' written opinion to the board of directors of Pharmion, which describes, among other things, the assumptions made, procedures followed, factors considered and limitations on the review undertaken, is attached as Annex D to this proxy statement/prospectus and is incorporated by reference in its entirety into this proxy statement/prospectus. The following summary of Banc of America Securities' opinion is qualified in its entirety by reference to the full text of the opinion. Banc of America Securities delivered its opinion to the board of directors of Pharmion for the benefit and use of the board of directors of Pharmion in connection with and for purposes of its evaluation of the merger consideration from a financial point of view. Banc of America Securities' opinion does not address any other aspect of the merger and does not constitute a recommendation to any stockholder as to how to vote or act in connection with the proposed merger.

In connection with rendering its opinion, Banc of America Securities:

reviewed certain publicly available financial statements and other business and financial information of Pharmion and Celgene, respectively;

reviewed certain internal financial statements and other financial and operating data concerning Pharmion;

reviewed certain financial forecasts relating to Pharmion prepared by Pharmion's management, which forecasts we refer to as the Pharmion forecasts;

reviewed certain publicly available financial forecasts relating to Celgene, which forecasts we refer to as the Celgene research analysts' estimates;

discussed the past and current operations, financial condition and prospects of Pharmion with senior executives of Pharmion and the past and current operations, financial condition and prospects of Celgene with senior executives of Pharmion and Celgene;

discussed with senior executives of Pharmion and Celgene their assessments as to the products and product candidates of Pharmion and Celgene, including, without limitation, the probability of successful testing, development and marketing and approval by appropriate governmental authorities of, and the potential impact of competition on, such products and product candidates;

reviewed the potential pro forma financial impact of the merger on Celgene's future financial performance, including the potential effect on Celgene's estimated earnings per share;

reviewed the reported prices and trading activity for Pharmion common stock and Celgene common stock;

compared the financial performance of Pharmion and Celgene, respectively, with that of certain other publicly traded companies Banc of America Securities deemed relevant;

compared certain financial terms of the merger to financial terms, to the extent publicly available, of certain other business combination transactions Banc of America Securities deemed relevant;

participated in discussions and negotiations among representatives of Pharmion, Celgene and their respective advisors;

Table of Contents

reviewed a draft dated November 16, 2007 of the merger agreement, which we refer to as the draft agreement; and

performed such other analyses and considered such other factors as Banc of America Securities deemed appropriate.

In arriving at its opinion, Banc of America Securities assumed and relied upon, without independent verification, the accuracy and completeness of the financial and other information reviewed by it. With respect to the Pharmion forecasts, Banc of America Securities assumed, at Pharmion's direction, that they were reasonably prepared on bases reflecting the best currently available estimates and good faith judgments of Pharmion's management as to Pharmion's future financial performance. Banc of America Securities was not provided with, and did not have access to, any financial forecasts of Celgene prepared by Celgene's management. Accordingly, based upon discussions with Celgene's management concerning Celgene and at Pharmion's direction, Banc of America Securities assumed that the Celgene research analysts' estimates were a reasonable basis upon which to evaluate the future financial performance of Celgene and used such estimates in performing its analysis.

Banc of America Securities relied, at Pharmion's direction, upon the assessments of senior executives of Pharmion and Celgene as to the products and product candidates of Pharmion and Celgene, including, without limitation, the probability of successful testing, development and marketing and approval by appropriate governmental authorities of, and the potential impact of competition on, such products and product candidates. Banc of America Securities did not make any independent valuation or appraisal of the assets or liabilities, contingent or otherwise, of Pharmion or Celgene, and Banc of America Securities was not furnished with any such valuations or appraisals. Banc of America Securities assumed, at Pharmion's direction, that the merger would qualify for federal income tax purposes as a reorganization under the provisions of Section 368(a) of the Code. Banc of America Securities also assumed, at Pharmion's direction, that the final executed agreement would not differ in any material respect from the draft agreement reviewed by Banc of America Securities, and that the merger would be consummated as provided in the draft agreement with full satisfaction of all covenants and conditions set forth in the draft agreement and without any waivers. Banc of America Securities further assumed, with Pharmion's consent, that all governmental and third party consents and approvals necessary for the consummation of the merger would be obtained without any adverse effect on Pharmion, Celgene or the merger.

Banc of America Securities expressed no view or opinion as to any terms or aspects of the merger (other than the per share merger consideration to the extent expressly specified in its opinion), including, without limitation, the form or structure of the merger or the merger consideration. Banc of America Securities was not requested to, and did not, solicit indications of interest or proposals from third parties regarding the acquisition of all or a portion of Pharmion. In addition, no view or opinion was expressed as to the relative merits of the merger in comparison to other transactions available to Pharmion or in which Pharmion might engage or as to whether any transaction might be more favorable to Pharmion as an alternative to the merger, nor did Banc of America Securities express any opinion as to the underlying business decision of the board of directors of Pharmion to proceed with or effect the merger. Banc of America Securities did not express any opinion as to what the value of Celgene common stock actually would be when issued or the prices at which Pharmion common stock or Celgene common stock might trade at any time. Except as described above, Pharmion imposed no other limitations on the investigations made or procedures followed by Banc of America Securities in rendering its opinion.

Banc of America Securities' opinion was necessarily based on economic, market and other conditions as in effect on, and the information made available to Banc of America Securities as of, the date of its opinion. Accordingly, although subsequent developments may affect its opinion, Banc of America Securities did not assume any obligation to update, revise or reaffirm its opinion.

The following represents a brief summary of the material financial analyses presented by Banc of America Securities to the board of directors of Pharmion in connection with its opinion. **The financial analyses summarized below include information presented in tabular format. In order to fully understand the financial analyses performed by Banc of America Securities, the tables must be read together with the text of each summary. The tables alone do not constitute a complete description of the financial analyses performed by Banc of America Securities. Considering the data set forth in the tables below without considering the full narrative description of the financial analyses, including the methodologies and assumptions underlying the**

Table of Contents

analyses, could create a misleading or incomplete view of the financial analyses performed by Banc of America Securities. For purposes of the Pharmion Financial Analyses summarized below, the per share merger consideration refers to the \$72.00 implied per share value of the merger consideration based on the \$25.00 per share cash portion of the merger consideration and the implied per share value of the stock portion of the merger consideration on November 16, 2007 of \$47.00.

Pharmion Financial Analyses

Selected Publicly Traded Companies Analysis. Banc of America Securities reviewed publicly available financial and stock market information for Pharmion and the following 13 publicly traded biopharmaceutical and biotechnology companies:

Alexion Pharmaceuticals, Inc.
 BioMarin Pharmaceutical Inc.
 Celgene
 Cephalon, Inc.
 Cubist Pharmaceuticals, Inc.
 Genentech, Inc.
 Genzyme Corporation
 Gilead Sciences, Inc.
 ImClone Systems Incorporated
 MGI PHARMA, INC.
 Millennium Pharmaceuticals, Inc.
 OSI Pharmaceuticals, Inc.
 United Therapeutics Corporation

Banc of America Securities reviewed, among other things, per share equity values, based on closing stock prices on November 16, 2007, of the selected publicly traded companies as a multiple of calendar year 2009 estimated earnings per share, commonly referred to as EPS. Banc of America Securities also reviewed enterprise values of the selected publicly traded companies, calculated as equity values based on closing stock prices on November 16, 2007, plus debt, less cash, as a multiple of calendar years 2007 and 2008 estimated revenue. Banc of America Securities then applied a range of selected multiples of calendar year 2009 estimated EPS derived from the selected publicly traded companies to Pharmion's estimated calendar years 2009 and 2010 estimated EPS (discounted one year, in the case of calendar year 2010 estimated EPS, by applying a discount rate of 15.0%) and applied a range of selected multiples of calendar years 2007 and 2008 estimated revenue derived from the selected publicly traded companies to corresponding data of Pharmion. Estimated financial data of the selected publicly traded companies were based on publicly available research analysts' estimates. Estimated financial data of Pharmion were based on the Pharmion forecasts. This analysis indicated the following implied per share equity value reference ranges for Pharmion, as compared to the per share merger consideration:

Implied per Share Equity Value Reference Ranges for Pharmion								Per Share Merger Consideration
2009E EPS		2010E Discounted EPS		2007E Revenue		2008E Revenue		
\$32.00	\$44.50	\$ 52.00	\$72.50	\$ 43.25	\$62.75	\$ 49.00	\$76.50	\$ 72.00

No company used in this analysis is identical or directly comparable to Pharmion. Accordingly, an evaluation of the results of this analysis is not entirely mathematical. Rather, this analysis involves complex considerations and

judgments concerning differences in financial and operating characteristics and other factors that could affect the public trading or other values of the companies to which Pharmion was compared.

Table of Contents

Selected Precedent Transactions Analysis. Banc of America Securities reviewed, to the extent publicly available, financial information relating to the following 18 selected transactions involving biopharmaceutical and biotechnology companies:

Announcement Date	Acquirer	Target
4/23/07	AstraZeneca PLC	MedImmune, Inc.
11/9/06	Genentech, Inc.	Tanox, Inc.
11/5/06	Abbott Laboratories	Kos Pharmaceuticals, Inc.
10/10/06	Genzyme Corporation	AnorMED Inc.
10/2/06	Gilead Sciences, Inc.	Myogen, Inc.
9/21/06	Merck KGaA	Serono S.A.
12/14/05	Amgen Inc.	Abgenix, Inc.
7/21/05	MGI PHARMA, INC.	Guilford Pharmaceuticals Inc.
6/23/05	Salix Pharmaceuticals, Ltd.	InKine Pharmaceutical Company, Inc.
6/16/05	Pfizer Inc.	Vicuron Pharmaceuticals Inc.
5/4/05	Genzyme Corporation	Bone Care International, Inc.
4/21/05	Shire Pharmaceuticals Group plc	Transkaryotic Therapies, Inc.
2/26/04	Genzyme Corporation	ILEX Oncology, Inc.
11/4/03	Cephalon, Inc.	CIMA Labs Inc.
8/4/03	Genzyme Corporation	SangStat Medical Corporation
12/6/01	Millennium Pharmaceuticals, Inc.	Cor Therapeutics, Inc.
12/3/01	MedImmune, Inc.	Aviron
8/14/00	Chiron Corporation	PathoGenesis Corporation

Banc of America Securities reviewed transaction values, calculated as the equity value implied for the target company based on the consideration payable in the selected transaction, as a multiple of the target company's two-year forward and three-year forward estimated net income. Banc of America Securities then applied a range of selected multiples of two-year forward and three-year forward estimated net income derived from the selected transactions to Pharmion's calendar years 2009 and 2010 estimated EPS, respectively. Estimated financial data of the selected transactions were based on publicly available information. Estimated financial data of Pharmion were based on the Pharmion forecasts. This analysis indicated the following implied per share equity value reference ranges for Pharmion, as compared to the per share merger consideration:

Implied per Share Equity Value Reference Ranges for Pharmion		Per Share Merger Consideration
2009E EPS	2010E EPS	
\$30.50 \$47.25	\$ 47.00 \$73.00	\$ 72.00

No company, business or transaction used in this analysis is identical or directly comparable to Pharmion or the merger. Accordingly, an evaluation of the results of this analysis is not entirely mathematical. Rather, this analysis involves complex considerations and judgments concerning differences in financial and operating characteristics and other factors that could affect the acquisition or other values of the companies, business segments or transactions to which Pharmion and the merger were compared.

Discounted Cash Flow Analysis. Banc of America Securities performed a discounted cash flow analysis of Pharmion to calculate the estimated present value of the stand-alone unlevered, after-tax free cash flows that Pharmion could generate during Pharmion's fiscal years 2008 through 2011 based on the Pharmion forecasts. Banc of America Securities calculated terminal values for Pharmion under two alternative scenarios to take into account potential market results for certain of Pharmion's products, referred to as the management case and the management case sensitivity, by applying terminal forward multiples of 10.0x to 14.0x and 7.0x to 9.0x,

Table of Contents

respectively, to Pharmion's fiscal year 2011 estimated earnings before interest, taxes, depreciation and amortization. The cash flows, adjusted to reflect the present value of Pharmion's net operating loss carryforwards anticipated by Pharmion's management to be available, and terminal values were then discounted to present value as of December 31, 2007 using discount rates ranging from 14.0% to 16.0%. This analysis indicated the following implied per share equity value reference ranges for Pharmion under the management case and the management case sensitivity, as compared to the per share merger consideration:

Implied per Share Equity Value Reference Ranges for Pharmion Management Case		Management Case Sensitivity	Per Share Merger Consideration
\$46.75	\$64.50	\$ 36.25 \$45.75	\$ 72.00

Celgene Financial Analysis

Selected Publicly Traded Companies Analysis. Banc of America Securities reviewed publicly available financial and stock market information for Celgene and the following seven publicly traded biotechnology companies:

Amgen Inc.
 Biogen Idec Inc.
 Cephalon, Inc.
 Genentech, Inc.
 Genzyme Corporation
 Gilead Sciences, Inc.
 ImClone Systems Incorporated

Banc of America Securities reviewed, among other things, the closing stock prices of the selected publicly traded companies on November 16, 2007 as a multiple of calendar years 2007, 2008 and 2009 estimated EPS. Banc of America Securities also reviewed the ratios of the selected companies' (x) closing stock prices as a multiple of calendar years 2007 and 2008 estimated EPS to (y) long-term estimated EPS growth rates, referred to as PEG ratios. Banc of America Securities then compared these calendar years 2007, 2008 and 2009 estimated EPS multiples and calendar years 2007 and 2008 PEG ratios derived for the selected companies to corresponding multiples and ratios implied for Celgene based on the closing price of Celgene common stock on November 16, 2007. Estimated financial data of the selected publicly traded companies were based on publicly available research analysts' estimates. Estimated financial data of Celgene were based on the Celgene research analysts' estimates. This analysis indicated the following implied median multiples and ratios for the selected companies, as compared to corresponding multiples and ratios implied for Celgene, based on the closing price of Celgene common stock on November 16, 2007:

	Implied Median Multiples for Selected Companies	Implied Multiples for Celgene Based on Closing Stock Price on November 16, 2007
<u>Equity Value Per Share as a Multiple of EPS:</u>		
Estimated Calendar Year 2007	26.7x	68.1x

Estimated Calendar Year 2008	21.8x	42.0x
Estimated Calendar Year 2009	19.3x	30.2x
<u>PEG Ratios:</u>		
Estimated Calendar Year 2007	1.33x	1.61x
Estimated Calendar Year 2008	1.28x	1.00x

No company used in this analysis is identical or directly comparable to Celgene. Accordingly, an evaluation of the results of this analysis is not entirely mathematical. Rather, this analysis involves complex considerations and judgments concerning differences in financial and operating characteristics and other factors that could affect the public trading or other values of the companies to which Celgene was compared.

Table of Contents

Pro Forma Accretion/Dilution Analysis

Banc of America Securities reviewed the potential pro forma financial effect of the merger on Celgene's calendar years 2008 through 2011 estimated EPS. Estimated financial data of Celgene were based on the Celgene research analysts' estimates and estimated financial data of Pharmion were based on the Pharmion forecasts (which data, at the direction of Pharmion's management, did not include potential future synergies that could result from the merger). Based on the per share merger consideration, this analysis indicated that the merger could be dilutive to Celgene's estimated EPS for calendar years 2008 through 2010 and accretive to Celgene's estimated EPS for calendar year 2011. Banc of America Securities also reviewed the potential pro forma financial effect of the merger on Celgene's calendar years 2008 through 2011 estimated EPS based on the high end and low end of the collar structure. This analysis indicated that, based on the high end of the collar structure, the merger could be dilutive to Celgene's estimated EPS for calendar years 2008 through 2010 and accretive to Celgene's estimated EPS for calendar year 2011 and, based on the low end of the collar structure, the merger could be dilutive to Celgene's estimated EPS for calendar years 2008 through 2011. The actual results achieved by the combined company may vary from projected results and the variations may be material.

Miscellaneous

As noted above, the discussion set forth above is a summary of the material financial analyses presented by Banc of America Securities to the board of directors of Pharmion in connection with its opinion and is not a comprehensive description of all analyses undertaken by Banc of America Securities in connection with its opinion. The preparation of a financial opinion is a complex analytical process involving various determinations as to the most appropriate and relevant methods of financial analysis and the application of those methods to the particular circumstances and, therefore, a financial opinion is not readily susceptible to partial analysis or summary description. Banc of America Securities believes that its analyses summarized above must be considered as a whole. Banc of America Securities further believes that selecting portions of its analyses and the factors considered or focusing on information presented in tabular format without considering all analyses and factors or the narrative description of the analyses, could create a misleading or incomplete view of the processes underlying Banc of America Securities' analyses and opinion. The fact that any specific analysis has been referred to in the summary above is not meant to indicate that such analysis was given greater weight than any other analysis referred to in the summary.

In performing its analyses, Banc of America Securities considered industry performance, general business and economic conditions and other matters, many of which are beyond the control of Pharmion and Celgene. The estimates of the future performance of Pharmion and Celgene in or underlying Banc of America Securities' analyses are not necessarily indicative of actual values or actual future results, which may be significantly more or less favorable than those estimates or those suggested by Banc of America Securities' analyses. These analyses were prepared solely as part of Banc of America Securities' analysis of the fairness, from a financial point of view, of the per share merger consideration and were provided to the board of directors of Pharmion in connection with the delivery of Banc of America Securities' opinion. The analyses do not purport to be appraisals or to reflect the prices at which a company might actually be sold or the prices at which any securities have traded or may trade at any time in the future. Accordingly, the estimates used in, and the ranges of valuations resulting from, any particular analysis described above are inherently subject to substantial uncertainty and should not be taken to be Banc of America Securities' view of the actual values of Pharmion or Celgene.

The type and amount of consideration payable in the merger was determined through negotiations between Pharmion and Celgene, rather than by any financial advisor, and was approved by the board of directors of Pharmion. The decision to enter into the merger agreement was solely that of the board of directors of Pharmion. As described above, Banc of America Securities' opinion and analyses were only one of many factors considered by the board of directors of Pharmion in its evaluation of the proposed merger and should not be viewed as determinative of the views of the

board of directors of Pharmion or management with respect to the merger or the merger consideration.

Pharmion has agreed to pay Banc of America Securities for its services in connection with the merger an aggregate fee currently estimated to be approximately \$17.5 million, a portion of which was payable in connection

Table of Contents

with its opinion and a significant portion of which is contingent upon the completion of the merger. Pharmion also has agreed to reimburse Banc of America Securities for reasonable expenses (including any reasonable fees and disbursements of Banc of America Securities' counsel) incurred in connection with Banc of America Securities' engagement, and to indemnify Banc of America Securities, any controlling person of Banc of America Securities and each of their respective directors, officers, employees, agents, affiliates and representatives against specified liabilities, including liabilities under the federal securities laws.

Banc of America Securities or its affiliates in the past have provided financial advisory and financing services to Pharmion, for which services Banc of America Securities and its affiliates have received compensation, including having acted as sole book-running manager in connection with an equity offering of Pharmion. In the ordinary course of business, Banc of America Securities and its affiliates may actively trade or hold securities or loans of Pharmion and Celgene for their own accounts or for the accounts of customers and, accordingly, Banc of America Securities or its affiliates may at any time hold long or short positions in such securities or loans.

Celgene's Reasons for the Merger

Celgene believes that the merger will enable Celgene to enhance its portfolio of therapies for patients with life-threatening illnesses worldwide. With the addition of Pharmion's four marketed products and several in development for the treatment of hematological and solid tumor cancers, Celgene will extend its services to clinicians who treat these diseases and, thereby, expand Celgene's role as a leader in hematology and oncology. Specifically, Vidaza, Pharmion's lead product, is approved in the United States for myelodysplastic syndromes and has demonstrated an unprecedented overall survival benefit for higher risk MDS patients. In addition to Vidaza, the merger also will give Celgene the European rights to thalidomide, providing Celgene with three meaningful therapies REVLIMID, Vidaza and THALOMID in different indications all with global revenue streams. Pharmion's development-stage compounds targeting the treatment of various solid tumors could potentially provide Celgene with an entrée into the treatment of solid tumors and clinicians with additional therapeutic options for these diseases. In addition, Celgene will evaluate the clinical potential of combination therapies in patients globally.

By combining this new product portfolio with Celgene's existing operational and financial capabilities and expanding Celgene's product offerings, clinical, regulatory and commercial capabilities, Celgene believes the merger will further advance Celgene's strategy of creating a global biopharmaceutical company focused on delivering novel, meaningful therapies to patients in need.

Pharmion Financial Projections Provided to Pharmion's Financial Advisor

Pharmion provided its financial advisor with certain non-public financial projections prepared by the management of Pharmion reflecting management's views as to the possible future performance of Pharmion for the 2007 to 2011 fiscal years, which we refer to as the Pharmion financial projections. The Pharmion financial projections do not give effect to the merger. The Pharmion financial projections were prepared in November 2007. No financial projections were provided to Celgene until after the merger agreement was executed and delivered by Celgene and Pharmion. Set forth below is a summary of such financial projections.

Financial projections are based on estimates and assumptions that are inherently subject to risks and uncertainties and should not be regarded as an indication that such projections will be predictive of actual future events, and they should not be relied on as such. The financial projections provided by Pharmion in November 2007 are based on significant assumptions including, among other things, (i) Pharmion's ability to obtain, and the timing of receipt of, marketing authorization for Vidaza and Thalidomide Pharmion in the European Union and in other countries, (ii) the continuation of market exclusivity for Vidaza through 2011 in the United States, (iii) the successful development and favorable regulatory action with respect to other products and product candidates, including Amrubicin, in the

United States and other countries and (iv) that the competitive environment for MDS in the European Union is comparable to that in the United States and that the approved label for Vidaza in the United States and the European Union will include clinical data demonstrating a survival advantage for Vidaza in higher risk MDS patients that is greater than that of its competitors. In most cases, Pharmion will have little or no control over the receipt or timing of these authorizations and many other factors may cause these financial projections to be inaccurate. For a discussion of some of the factors that may cause the financial projections or the underlying

Table of Contents

assumptions not to be reflective of actual future results, we urge you to read the information under Special Note Regarding Forward-Looking Statements commencing on page iii of this proxy statement/prospectus. As a result of such factors, there can be no assurance when or if projected results will be realized or that actual results will not be significantly higher or lower than projected. Since the projections cover multiple years, such projections by their nature become more speculative and less certain with each successive year.

The inclusion of these financial projections should not be regarded as an indication that Pharmion, Banc of America Securities or any other recipient of this information considered, or now considers, it to be predictive of actual future results. The Pharmion financial projections were not prepared with a view toward public disclosure or toward complying with U.S. generally accepted accounting principles, or GAAP, the published guidelines of the SEC regarding projections or the guidelines established by the American Institute of Certified Public Accountants for the preparation and presentation of prospective financial information. The Pharmion financial projections are included in this proxy statement/prospectus only because such information was made available on a confidential basis to Banc of America Securities in connection with its opinion described above. The independent auditors of Pharmion have not examined or compiled any of the Pharmion financial projections, have not expressed any conclusion or provided any form of assurance with respect to the Pharmion financial projections, and, accordingly, assume no responsibility for them. The Pharmion financial projections do not take into account any circumstances or events that have occurred or may occur after the date they were prepared.

For the foregoing reasons, as well as the bases and assumptions on which the Pharmion financial projections were compiled, the inclusion of specific portions of the Pharmion financial projections in this proxy statement/prospectus should not be regarded as an indication that such projections will be predictive of actual future events, and they should not be relied on as such. Except as required by applicable securities laws, Pharmion does not intend to update or otherwise revise the Pharmion financial projections or the specific portions presented to reflect circumstances existing after the date when made or to reflect the occurrence of future events, even if any or all of the assumptions are shown to be in error.

Pharmion's financial projections referred to above (in millions) for the fiscal years ended December 31, 2007, 2008, 2009, 2010 and 2011, respectively, were: (a) revenues of \$261.6, \$371.5, \$591.9, \$768.5 and \$1,001.3; (b) operating expenses (exclusive of cost of goods sold and royalties) of \$236.4, \$293.6, \$365.1, \$419.9 and \$513.2; (c) EBIT of \$(45.8), \$(21.2), \$70.3, \$146.3 and \$226.5, respectively; (d) EBITDA of \$(30.0), \$(1.4), \$93.3, \$171.9 and \$255.4; and (e) net income (loss) of \$(44.1), \$(17.2), \$56.2, \$109.4 and \$167.9.

Pharmion Forecasts Provided to Celgene

As described above, Pharmion financial projections were not provided to Celgene until after the merger agreement had been executed and delivered by Celgene and Pharmion. However, Celgene received certain production data with respect to Pharmion's requirements of Thalidomide Pharmion pursuant to the terms of a supply agreement, dated as of November 16, 2001 and amended on December 3, 2004, between a wholly-owned subsidiary of Pharmion and a wholly-owned subsidiary of Celgene. Under this agreement, Pharmion provides Celgene with monthly rolling forecasts of its requirements of Thalidomide Pharmion for the period of 22 months ahead. Set forth below is a subset of such forecasts provided to Celgene on November 15, 2007. Such production data was not prepared with a view toward public disclosure, and includes safety stock and other inventory requirements beyond projected sales. Pursuant to the supply agreement, Pharmion is also obligated to provide quarterly sales reports to Celgene, which are also included in Pharmion's periodic reports that Pharmion files with the SEC. See Where You Can Find More Information on page 100. The inclusion of this data should not be regarded as an indication that Pharmion or Celgene considered, or now considers, it to be predictive of actual future requirements. Such data do not take into account any circumstances or events occurring after the date they were prepared. Data of this type are based on estimates and assumptions, including the factors described under Special Note Regarding Forward-Looking Statements, which

factors may cause the data or the underlying assumptions not to be reflective of actual future requirements. As a result, there can be no assurance that the projected requirements will be realized or that actual requirements will not be significantly higher or lower than projected.

Table of Contents

Forecast Month	Pharmion Purchase Order Date	Delivery Date	Total Commercial Units* Projected to be Ordered
Month 1	November 2007	January 2008	32,000
Month 2	December 2007	February 2008	32,000
Month 3	January 2008	March 2008	40,000
Month 4	February 2008	April 2008	40,000
Month 5	March 2008	May 2008	40,000
Month 6	April 2008	June 2008	32,000
Month 7	May 2008	July 2008	32,000
Month 8	June 2008	August 2008	48,000
Month 9	July 2008	September 2008	32,000
Month 10	August 2008	October 2008	40,000
Month 11	September 2008	November 2008	32,000
Month 12	October 2008	December 2008	32,000
Month 13	November 2008	January 2009	40,000
Month 14	December 2008	February 2009	48,000
Month 15	January 2009	March 2009	40,000
Month 16	February 2009	April 2009	32,000
Month 17	March 2009	May 2009	32,000
Month 18	April 2009	June 2009	48,000
Month 19	May 2009	July 2009	40,000
Month 20	June 2009	August 2009	32,000
Month 21	July 2009	September 2009	32,000
Month 22	August 2009	October 2009	40,000

* One Commercial Unit = 28 capsules

Interests of Certain Persons in the Merger

In considering the recommendation of the board of directors of Pharmion with respect to the approval and adoption of the merger agreement and approval of the merger, Pharmion stockholders should be aware that Pharmion's executive officers and directors have interests in the merger that may be different from, or in addition to, those of Pharmion stockholders generally. The board of directors of Pharmion was aware of these interests and considered them, among other matters, in reaching its decisions to approve and adopt the merger agreement and to recommend that Pharmion stockholders vote FOR the approval and adoption of the merger agreement and approval of the merger.

Treatment of Options and Restricted Stock Units

Under the Pharmion 2000 Stock Incentive Plan and 2001 Non-Employee Director Stock Option Plan, Pharmion has made periodic grants of stock options to its executive officers and directors. Under the Pharmion 2000 Stock Incentive Plan, Pharmion has made grants of restricted stock unit awards to its executive officers. Pursuant to the merger agreement, any of such awards outstanding prior to the effective time of the merger will be subject to the following treatment:

All outstanding vested options to purchase Pharmion common stock will be canceled as of the effective time of the merger and the holder of each such stock option will have the right to receive from Celgene the consideration (subject to all applicable income and employment withholding taxes) such holder would have received if such holder had effected a cashless exercise of such vested option to purchase Pharmion common

Table of Contents

stock immediately prior to the effective time of the merger and the shares of Pharmion common stock issued upon such cashless exercise were converted in the merger into the consideration to be received by the stockholders of Pharmion.

At the effective time of the merger, each outstanding unvested option to purchase shares of Pharmion common stock will be converted into an equivalent option to acquire shares of Celgene common stock.

All restricted stock units of Pharmion outstanding at the effective time of the merger will vest in full immediately prior to the effective time and will, subject to applicable income and employment withholding taxes, be canceled and converted into the right to receive the per share merger consideration in the same manner as all other shares of Pharmion common stock.

The terms and conditions of any converted stock option generally will continue to be governed by the Pharmion 2000 Stock Incentive Plan and will be the same as the terms and conditions of the original award, including with respect to vesting, duration and the effect of termination of service. However, executive officers of Pharmion with employment agreements (as described below) may become entitled to additional rights with respect to converted equity awards under certain circumstances pursuant to such arrangements.

In addition, upon consummation of the merger, each current non-employee member of the Pharmion board of directors will cease to be a director of Pharmion or its successor, and each unvested option to purchase shares of Pharmion common stock held by such non-employee members of the board of directors of Pharmion will become fully vested and exercisable immediately prior to the effective time of the merger and will be treated in the same manner as all other vested stock options in the merger.

For a discussion of the terms of the merger agreement with respect to the treatment of outstanding Pharmion equity awards in connection with the merger, please see the section captioned **THE MERGER AGREEMENT Treatment of Stock Options and Other Stock-Based Awards** beginning on page 64.

Pharmion 2006 Employee Stock Purchase Plan

Pharmion maintains an employee stock purchase plan for U.S. employees intended to qualify under Section 423 of the Code that grants participating employees an option to purchase shares of Pharmion common stock at a discount from fair market value. This right to purchase Pharmion common stock is limited to the number of shares that may be purchased having a value of \$25,000 for each calendar year, based on the fair market value of Pharmion common stock on the date the option to purchase the stock is granted. The payment of the exercise price for the options granted under the plan is typically made through periodic payroll deductions, although employees may make separate contributions for the purchase of shares under the plan subject to the annual limitations.

Pursuant to the terms of the merger agreement, Pharmion has agreed to take all actions necessary to cause the offering period in effect on the date of the merger agreement to be the final offering period under the plan and for such offering period to end on the earlier to occur of January 31, 2008 and a date that is five days prior to the effective time of the merger. Each participant's accumulated payroll deductions will be used to purchase shares of Pharmion common stock at the conclusion of such offering period in accordance with the terms of the plan. Immediately following the completion of such purchases, Pharmion will take all actions necessary to terminate the plan and ensure that no further purchases of shares of Pharmion common stock are made thereunder.

The aggregate value of the discount applicable to all eligible officers (assuming the expected purchase of the maximum number of shares permitted under the plan) for the current offering period is approximately \$17,064. Such value is based on the difference between the per share merger consideration and the discounted purchase price per

share under the plan as of January 22, 2008, the most recent practicable date prior to the mailing of this proxy statement/prospectus, multiplied by the maximum number of shares of Pharmion common stock which may be purchased by eligible executive officers under the plan during the current offering period.

Table of Contents***Summary of Transaction Benefits Related to Outstanding Equity Awards Payable to Pharmion's Executive Officers and Directors***

The following table indicates the number of shares of Pharmion common stock underlying vested and unvested equity awards held by Pharmion's executive officers and directors as of January 22, 2008, and, with respect to outstanding stock options, the weighted average exercise price thereof.

	Number of Shares Underlying Vested Stock Options	Weighted Average Exercise Price of Vested Stock Options	Number of Shares Underlying Unvested Stock Options	Weighted Average Exercise Price of Unvested Stock Options	Number of Shares Underlying Restricted Stock Unit Awards
Executive Officers					
Patrick J. Mahaffy <i>President and Chief Executive Officer</i>	309,166	\$ 18.54	127,084	\$ 23.02	9,375
Erle T. Mast <i>Executive Vice President and Chief Financial Officer</i>	146,978	\$ 13.94	54,272	\$ 21.46	2,625
Gillian C. Ivers-Read <i>Executive Vice President of Development Operations</i>	89,353	\$ 18.38	49,168	\$ 21.11	2,100
Michael D. Cosgrave <i>Executive Vice President and Chief Commercial Officer</i>	88,853	\$ 23.54	72,396	\$ 21.67	3,750
Steven N. Dupont <i>Executive Vice President, Corporate Development, General Counsel and Secretary</i>	71,999	\$ 35.08	40,001	\$ 21.02	1,650
Andrew R. Allen <i>Executive Vice President and Chief Medical Officer</i>	18,102	\$ 19.42	37,898	\$ 19.66	4,113
<u>Non-Employee Directors</u>					
M. James Barrett, Ph.D.	48,750	\$ 10.37	7,500	\$ 31.27	
Brian G. Atwood	48,750	\$ 10.11	7,500	\$ 31.27	
James Blair, Ph.D.	48,750	\$ 10.11	7,500	\$ 31.27	
Cam L. Garner	48,750	\$ 9.65	7,500	\$ 31.27	
Edward J. McKinley	37,500	\$ 38.61	7,500	\$ 31.27	
John C. Reed, M.D., Ph.D.	20,000	\$ 19.70	20,000	\$ 24.43	
Thorlef Spickschen	48,750	\$ 10.37	7,500	\$ 31.27	

Executive Employment Agreements

Each of Pharmion's executive officers is a party to an employment agreement with Pharmion. Under the terms of these agreements, each executive officer would be eligible to receive the following severance payments and benefits upon a termination of such officer's employment by Pharmion without just cause or by the executive officer for good reason (as such terms are defined in the employment agreements) within two years following the merger:

a lump sum cash payment or monthly installments, at the election of Pharmion, equal to 12 months (or 24 months in the case of Mr. Mahaffy) of the executive's base salary at the time of termination;

full vesting of all outstanding stock options and other equity awards granted by Pharmion to the executive officer;

payments of accrued base salary and other amounts earned through the date of termination but not paid as of the date of termination; and

Table of Contents

continuation of medical, dental and vision benefit programs for 12 months (or 24 months in the case of Mr. Mahaffy) following termination (other than for Mr. Cosgrave).

In addition, if any executive officer becomes subject to an excise tax under Section 4999 of the Code as a result of exceeding the limitations of Section 280G of the Code, the agreements provide for an additional gross-up payment to such executive officer (other than Mr. Cosgrave) such that the executive officer will be placed in the same after-tax position as if no such excise tax had been imposed. The estimated amounts of any such gross up payments are set forth in the table in the section captioned Summary of Potential Non-Equity Based Benefits to Pharmion's Executive Officers and Directors beginning on page 52.

Pharmion Retention Plan

In connection with the merger, Pharmion adopted a retention plan providing retention benefits to employees of Pharmion or its successor, including the executive officers of Pharmion who remain actively employed with Pharmion during the pendency of and through the consummation of the merger. Under the retention plan, eligible employees will be entitled to receive a retention award, payable as soon as practicable following the effective time of the merger, in the amount of either (i) 25% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs on or prior to June 1, 2008, or (ii) 50% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs after June 1, 2008. In addition, eligible employees who are not U.S. field-based sales employees will receive incentive bonuses in respect of the achievement of certain individual and corporate goals for 2007 as determined by Pharmion's board of directors, which bonuses may be paid in amounts of up to 200% of the recipient-employee's annual bonus target. U.S. field-based sales employees will be paid quarterly bonuses subject to the achievement of quarterly sales targets, and those who remain actively employed with Pharmion may receive additional bonuses for each of the first and second quarters of 2008 subject to the achievement of sales targets. For a more detailed discussion of the retention plan, please see the section captioned THE MERGER AGREEMENT Covenants and Agreements Employee Matters beginning on page 73.

Summary of Potential Non-Equity Based Benefits to Pharmion's Executive Officers

The following table indicates the dollar values of the potential non-equity based benefits payable to Pharmion's executive officers under the executive employment agreements and the other compensation arrangements upon the effective time of the merger, assuming termination of employment of the executive officers and assuming the merger is consummated on April 30, 2008. As described above, the receipt of certain of such benefits by such executive officers will be determined by the board of directors of Pharmion based on the achievement of certain individual and corporate goals.

	Value of Potential Severance Benefits(1)	Value of Potential Pharmion Retention Plan Benefits(2)	Value of Estimated 280G Gross-Up Payment(3)	Total Potential Non-Equity Based Transaction Benefits
Executive Officers				
Patrick J. Mahaffy	\$ 1,168,274	\$ 427,500	\$ 814,352	\$ 2,410,126
Erle T. Mast	\$ 367,724	\$ 227,500		\$ 595,224

Gillian C. Ivers-Read	\$ 362,868	\$ 227,500	\$ 590,368
Michael D. Cosgrave	\$ 445,000	\$ 289,250	\$ 734,250
Steven N. Dupont	\$ 332,298	\$ 204,750	\$ 537,048
Andrew R. Allen	\$ 382,724	\$ 237,250	\$ 619,974

- (1) These amounts include the value of cash severance payments and continued health insurance benefits (if applicable) due under the employment agreements, exclusive of any payment to indemnify the executives for excise taxes that may be due by reason of Sections 280G and 4999 of the Code.
- (2) These amounts include incentive bonuses that may be payable to such executive officers pursuant to the retention plan in connection with the merger.

Table of Contents

- (3) These values take into account any gross-up amount that may become payable to an executive to indemnify the executive for any excise tax resulting from the accelerated vesting of such executive's outstanding Pharmion equity awards in the merger.

Indemnification; Directors and Officers Insurance

After the consummation of the merger, Celgene and Merger Sub will indemnify and hold harmless, to the fullest extent permitted under applicable law, the present and former directors and officers of Pharmion and its subsidiaries against any costs or expenses (including reasonable attorneys' fees), judgments, fines, losses, claims, damages or liabilities incurred in connection with any claim, action, suit, proceeding or investigation arising out of or pertaining to matters existing or occurring at or prior to the consummation of the merger. For six years from the consummation of the merger, Celgene will or will cause Merger Sub to maintain in effect for the benefit of such former officers and directors of Pharmion and its subsidiaries an insurance and indemnification policy with an insurer with the same or better credit rating as the current carrier for Pharmion. Such policy must provide coverage for acts or omissions occurring on or prior to the date of the consummation of the merger covering each such person covered by the officers and directors' liability insurance policy of Pharmion on terms with respect to coverage and in amounts no less favorable than those of Pharmion's directors' and officers' insurance policy in effect on the date of the merger agreement. Additionally, Celgene will cause to be maintained in Merger Sub's (or any successor's) certificate of formation and operating agreement provisions with respect to indemnification, exculpation and advancement of expenses that are at least as favorable to the intended beneficiaries as those contained in Pharmion's certificate of incorporation or by-laws as in effect on the date of the merger agreement.

Certain Relationships between Celgene and Pharmion

In 2001, Pharmion licensed rights relating to the use of Thalidomide Pharmion, from Celgene and separately entered into an exclusive supply agreement for Thalidomide Pharmion with Celgene U.K. Manufacturing II Limited (formerly known as Penn T Limited), or CUK, a company located in the United Kingdom, or U.K., that was subsequently acquired by Celgene in 2004. Under the agreements, as amended in December 2004, Pharmion obtained the exclusive right to market Thalidomide Pharmion in all countries other than the United States, Canada, Mexico, Japan and all provinces of China, except Hong Kong. Under Pharmion's agreements with Celgene, Pharmion also obtained exclusive rights to all existing and future clinical data relating to Thalidomide Pharmion developed by Celgene, and an exclusive license to employ Celgene's patented and proprietary System for Thalidomide Education and Prescribing Safety (S.T.E.P.S.®) program as the Pharmion Risk Management Program, or PRMP, in connection with the distribution of Thalidomide Pharmion in these territories. Under agreements with CUK, as amended, CUK is Pharmion's exclusive supplier of Thalidomide Pharmion formulations that Pharmion sells in certain territories licensed to Pharmion by Celgene. Pharmion pays Celgene a royalty/license fee and CUK product supply payments, each based on Pharmion's net sales of Thalidomide Pharmion in the countries included within Pharmion's territory. Pharmion has also agreed to fund certain amounts incurred by Celgene for the conduct of Thalidomide Pharmion clinical trials, which were payable in quarterly installments through the end of 2007, and the actual costs of completing an ongoing Celgene-sponsored, Phase 3 clinical trial for thalidomide in multiple myeloma. In 2007, Pharmion's net sales of Thalidomide Pharmion amounted to \$, or approximately % of Pharmion's total net sales. The agreements with Celgene and CUK each have a ten-year term running from the date of receipt of Pharmion's first regulatory approval for Thalidomide Pharmion in the U.K.

Under the terms of the mutual confidentiality agreement, dated October 17, 2007, between Pharmion and Celgene, which we refer to as the confidentiality agreement, until October 17, 2008, Celgene and its affiliates agreed not to, and Celgene agreed to instruct its representatives not to (unless specifically invited in writing by Pharmion to do so):

- (a) effect or seek, offer, or propose to effect, or cause or participate in or in any way assist any other person to effect

or seek, offer, or propose to effect or participate in (i) any acquisition of any securities or assets of Pharmion or any of its subsidiaries, (ii) any tender or exchange offer, merger, or other business combination involving Pharmion or any of its subsidiaries, (iii) any recapitalization, restructuring, liquidation, dissolution, or other extraordinary transaction with respect to Pharmion or any of its subsidiaries, or (iv) any solicitation of proxies or consents to vote any voting securities of Pharmion; (b) form, join, or in any way participate in a group (as defined under the Exchange Act) with respect to the beneficial ownership of any securities of Pharmion; (c) take any

Table of Contents

action which would reasonably be expected to legally compel Pharmion to make a public announcement regarding any of the types of matters described in clause (a) in this paragraph; (d) enter into any discussions or arrangements with any third party with respect to any of the foregoing in this paragraph; or (e) request or propose that Pharmion or any of its representatives amend, waive or consider the amendment or waiver of any of the foregoing in this paragraph.

Under the terms of the confidentiality agreement, the limitations and prohibitions on Celgene described in the immediately preceding paragraph will not apply from and after the earliest of (we refer to such date as the standstill termination date): (a) the date any person or group (other than Celgene or any of its affiliates) makes a publicly disclosed bid, offer, tender offer, or other offer or proposal to acquire, directly or indirectly, more than 50% of Pharmion's voting securities or assets of Pharmion representing more than 50% of the consolidated assets of Pharmion and its subsidiaries; (b) the date Pharmion enters into a definitive agreement providing for any transaction described in clause (a) of this paragraph; and (c) the date Pharmion initiates a process in which Pharmion solicits or seeks inquiries or the making of any proposal or offer with respect to a merger, consolidation, liquidation, dissolution or similar transaction involving Pharmion, any purchase of all of the equity securities of Pharmion or a sale of all or substantially all of the assets of Pharmion and its subsidiaries and Celgene is not invited to participate in such process on terms which do not disadvantage Celgene relative to any other person.

In connection with transactions occurring in 2001 and 2003, Celgene acquired an aggregate of 1,939,598 shares of Pharmion common stock, which it has continuously owned and constitutes approximately % of all shares of Pharmion common stock outstanding as of the record date. In addition, certain executive officers and directors of Pharmion have entered into voting agreements with Celgene pursuant to which such stockholders have agreed to vote their shares in favor of the merger agreement and the merger at the special meeting and to grant Celgene a proxy to vote their shares at the special meeting in favor of the merger. As of the record date, the executive officers and directors of Pharmion who are parties to the voting agreements held an aggregate of shares of Pharmion common stock, which represents approximately % of all shares entitled to vote at the special meeting.

Manner and Procedure for Exchanging Shares of Pharmion Common Stock; No Fractional Shares

Surrender of Certificates. Promptly (and in any event no more than three business days) after the effective time of the merger, American Stock Transfer and Trust Company, the exchange agent selected by Celgene for the merger, will mail to each record holder of Pharmion common stock (a) a letter of transmittal and (b) instructions for using the letter of transmittal and surrendering certificates evidencing Pharmion shares in exchange for the cash and certificate or certificates representing Celgene common stock payable pursuant to the merger. After receipt of such forms, holders of Pharmion common stock will be able to surrender certificates formerly representing Pharmion common stock to the exchange agent together with the completed and executed letter of transmittal and any other documents required pursuant to the instructions, and each such holder will receive in exchange therefor the cash and certificates evidencing the number of whole shares of Celgene common stock to which such holder is entitled pursuant to the merger. Celgene will not issue fractional shares of Celgene common stock in the merger. Instead, in lieu of fractional shares, each holder of Pharmion common stock who would otherwise be entitled to a fraction of a share of Celgene common stock will receive an amount of cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price. **Pharmion stockholders should not send their stock certificates until they receive the letter of transmittal.**

After the effective time of the merger and until surrendered as contemplated by the preceding paragraph, each certificate that previously represented shares of Pharmion common stock will represent only the right to receive upon surrender thereof the merger consideration payable in respect of such shares of Pharmion common stock pursuant to the merger, and any dividends or other distributions made after the effective time with respect to such shares of Celgene common stock, in each case, without interest thereon.

No dividends or other distributions declared or paid with respect to Celgene common stock after the effective time of the merger will be paid to holders of Pharmion stock certificates in respect of the shares of Celgene common stock payable pursuant to the merger unless and until the Pharmion stock certificates are surrendered to the exchange agent.

Table of Contents

After the effective time of the merger, Pharmion will not register any further transfers of shares of Pharmion common stock. After the effective time of the merger, any certificate evidencing shares of Pharmion common stock that is presented to Celgene or the exchange agent for any reason will be converted into the merger consideration payable in respect of the Pharmion common stock formerly represented by such certificate pursuant to the merger, and any cash in lieu of fractional shares of Celgene common stock and any dividends or other distributions to which holders thereof are entitled to, in each case, without interest thereon.

Voting Agreements

Concurrently with the execution of the merger agreement, Celgene executed voting agreements with the following directors and executive officers of Pharmion: Patrick J. Mahaffy, Erle T. Mast, Cam L. Garner, Gillian C. Ivers-Read, Brian G. Atwood, M. James Barrett, Thorlef Spickschen, Edward J. McKinley and James C. Blair. Pursuant to the voting agreements, and as further described below, such individuals have agreed to vote their shares of Pharmion common stock in favor of the merger agreement and merger at the special meeting. As of the record date, the executive officers and directors of Pharmion who are parties to the voting agreements held _____ shares of Pharmion common stock, which represents approximately _____ % of all shares entitled to vote at the special meeting. A copy of the form of voting agreement is attached hereto as Annex C.

Voting of Shares. Each executive officer and director party to a voting agreement has agreed, during the term of the voting agreement, to vote such executive officer's or director's shares of Pharmion common stock (or cause to be voted any shares such stockholder beneficially owns) at any meeting of Pharmion stockholders:

in favor of approval and adoption of the merger agreement and approval of the merger;

against any alternative transaction, including a superior proposal; and

against any action or agreement that would result in any breach in any material respect of any representation, warranty, covenant, agreement or any other obligation of Pharmion under the merger agreement.

In addition, each executive officer and director party to a voting agreement granted Celgene a proxy to vote such executive officer or director's shares of Pharmion common stock in accordance with the agreements set forth above.

The voting agreements also provide that each executive officer and director party to a voting agreement is prohibited from soliciting proxies or becoming a participant in a solicitation under the Exchange Act, or otherwise facilitate an alternative transaction, including a superior proposal, or become a member of a group, with respect to any voting securities of Pharmion for the purpose of taking any action in favor of or in furtherance of, or otherwise facilitate, an acquisition transaction other than the merger, including a superior proposal.

The voting agreements do not limit or affect any actions or omissions taken by such executive officers and directors in their capacities as directors or executive officers of Pharmion, and no actions or omissions taken by such executive officers and directors in such capacities will be deemed a breach of their duties under the voting agreements or will be construed to prohibit, limit or restrict such executive officer or director from exercising their fiduciary duties as directors or executive officers of Pharmion.

Transfer Restrictions. Each executive officer or director party to a voting agreement has agreed that, subject to certain limited exceptions, during the term of the agreement, such executive officer or director will not transfer, sell, offer, exchange, pledge or otherwise dispose of or encumber, or grant any proxy with respect to, such executive officer's or director's shares of Pharmion common stock, or deposit any such shares into a voting trust or enter into any arrangement with respect to the voting of such shares.

Termination. The voting agreement automatically terminates upon the first to occur of:

the effective time of the merger;

the termination of the merger agreement; or

any material modification, waiver or amendment of the merger agreement that adversely affects the consideration payable to Pharmion stockholders pursuant to the merger agreement.

Table of Contents

This summary of the voting agreements is qualified in its entirety by reference to the voting agreements. A copy of form of the voting agreement is incorporated by reference in its entirety and attached to this proxy statement/prospectus as Annex C. We urge you to read the copy of form of voting agreement in its entirety.

Governmental and Regulatory Approvals

At any time before or after the completion of the merger, the Antitrust Division of the U.S. Department of Justice, the Federal Trade Commission, foreign competition authorities and others may challenge the merger on antitrust grounds either before or after expiration or termination of a relevant waiting period. Accordingly, at any time before or after completion of the merger, any of the Antitrust Division, the FTC or others could take action under the antitrust laws as it deems necessary or desirable in the public interest, including seeking to enjoin the completion of the merger, permitting completion subject to regulatory concessions or conditions, such as requiring the divestiture of certain assets of Celgene or Pharmion, or rescinding the merger. As in every transaction, there can be no assurance that a challenge to the merger will not be made or that, if a challenge is made, it will not succeed.

Under the terms of the merger agreement, Celgene will determine whether any regulatory approvals are required in connection with the merger, and the parties will cooperate to seek and obtain any such regulatory approvals. The merger agreement provides that the parties will make only such antitrust filings as specified in the merger agreement unless the parties agree that other filings are necessary or Celgene determines in good faith, after consultation with legal counsel, that other filings are required by law. Pharmion and Celgene have agreed to cooperate with each other in seeking and obtaining any actions, consents, approvals or waivers reasonably required to be obtained from any party in connection with the consummation of the transactions contemplated by the merger agreement. Both Celgene and Pharmion have agreed to use reasonable best efforts to take or cause to be taken all actions advisable and proper to consummate the merger, including obtaining all antitrust approvals. In addition, the parties will use reasonable best efforts to take all steps necessary to prevent or remove any actual or threatened injunction, order or other determination that would prevent or delay consummation of the merger. Pharmion has agreed to take any action with respect to its business, properties or assets or those of its subsidiaries to consummate the merger, if so requested by Celgene, provided that Pharmion may condition such action upon the consummation of the merger. Therefore, pursuant to the merger agreement, Pharmion may be obligated to sell or divest its assets if necessary to obtain requisite antitrust approvals for the merger. Celgene, on the other hand, is not obligated to sell or divest its assets in order to obtain requisite antitrust approvals for the merger.

HSR Act and Antitrust. Under the HSR Act, and the rules promulgated thereunder by the U.S. Federal Trade Commission, or FTC, the merger may not be consummated until notifications have been given and certain information has been furnished to the FTC and the Antitrust Division of the U.S. Department of Justice and the specified waiting period has either expired or been terminated. Celgene and Pharmion filed notification and report forms under the HSR Act with the FTC and the Antitrust Division on December 3, 2007. The waiting period under the HSR Act expired on January 2, 2008.

On December 28, 2007, Celgene, on behalf of both parties, advised a foreign government agency responsible for regulating competition laws, of the proposed merger. The agency may review such filing and related matters and, if it does, the duration of the investigation may be as long as a total of four months, during or after which time it may clear, with or without conditions, or prohibit the merger. The merger agreement provides that the respective obligations of each party to effect the merger are subject to any required approval having been obtained or the applicable waiting period having expired under the antitrust laws of any applicable foreign jurisdictions, the failure of which to be obtained or to have expired, individually or in the aggregate, would have a material adverse effect on Celgene.

Merger Expenses

All expenses incurred in connection with the merger agreement and the transactions contemplated thereby will be paid by the party incurring such expenses, except that Celgene will pay for all fees in connection with the HSR Act filings.

Table of Contents

Accounting Treatment

The merger will be accounted for by Celgene under the purchase method of accounting. Under the purchase method, the purchase price of Pharmion will be allocated to assets acquired, including identifiable intangible assets, in-process research and development and liabilities assumed from Pharmion with any excess being treated as goodwill. Since property, plant and equipment and identifiable intangible assets are depreciated and amortized over time, and in-process research and development is expensed immediately upon the merger, Celgene will incur accounting charges from the merger. In addition, these assets and any goodwill will be subject to periodic impairment tests and could result in potential write-down charges in future periods.

Form of the Merger

If the holders of Pharmion common stock approve and adopt the merger agreement and approve the merger, and all other conditions to the merger are satisfied or waived, Pharmion will be merged with and into Merger Sub, a newly formed and wholly-owned subsidiary of Celgene, and Merger Sub will survive the merger as a wholly-owned subsidiary of Celgene and will continue its existence as a limited liability company under Delaware law under the name Pharmion LLC. The merger agreement provides, however, that if, as of the date of the consummation of the merger, the value of the shares of Celgene common stock to be issued pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, the merger will be restructured as a reverse merger in which Merger Sub will be merged with and into Pharmion and Pharmion will survive the merger as a wholly-owned subsidiary of Celgene and Pharmion and Celgene will be deemed to have waived the closing conditions to the merger that each receive an opinion of legal counsel that the merger qualifies as a reorganization within the meaning of Section 368(a) of the Code.

Material United States Federal Income Tax Consequences

The following discussion sets forth the material U.S. federal income tax consequences of the merger to Pharmion stockholders. It is the opinion of Proskauer Rose LLP and Willkie Farr & Gallagher LLP that the statements set forth in this Material United States Federal Income Tax Consequences section fairly summarize in all material respects the matters described herein. The foregoing opinions of counsel are based on certain assumptions and are subject to certain limitations and qualifications, including the assumptions that the merger will be consummated as described in this proxy statement/prospectus and the merger agreement and that the factual representations contained in letters to be delivered to counsel by Celgene and Pharmion in connection with the foregoing opinions are true, correct and complete as of the date of the foregoing opinions and will remain true, correct and complete through the effective time of the merger. An opinion of counsel is not binding on the Internal Revenue Service or any court.

The discussion set forth below is intended only as a summary of the material U.S. federal income tax consequences of the merger and does not purport to be a complete analysis of all potential tax consequences of the merger. In particular, this discussion does not address all aspects of U.S. federal income taxation that may be applicable to a holder subject to special treatment under the Code (including, but not limited to, banks, partnerships and other pass-through entities, tax-exempt organizations, insurance companies, broker-dealers, holders subject to the alternative minimum tax, holders that hold shares as part of a straddle, hedging or conversion transaction, or holders whose functional currency is not the U.S. dollar). The following discussion only addresses aspects of U.S. federal income taxation and does not address any aspects of state, local or foreign taxation. This discussion assumes that holders of shares of Pharmion common stock hold such shares as capital assets. This discussion does not apply to holders who acquired their shares of Pharmion common stock through the exercise of employee stock options or otherwise as compensation or through a tax-qualified retirement plan. This discussion also does not apply to a holder

of warrants or options to purchase Pharmion common stock. Holders of warrants or options to purchase Pharmion common stock should consult with a tax advisor concerning the U.S. federal, state, local and foreign tax consequences of the merger. This discussion is based on the tax laws of the United States, including the Internal Revenue Code of 1986, as amended, which we refer to as the Code, its legislative history, existing regulations under the Code, published rulings and court decisions, as in effect on the date of this document, all of which are subject to change, possibly with retroactive effect, and to differing interpretation.

Table of Contents

For purposes of this discussion, a U.S. holder is any beneficial owner of shares of Pharmion common stock that is, for U.S. federal income tax purposes:

an individual that is a citizen or resident of the United States;

a corporation (or another entity taxable as a corporation) created or organized in the United States or under the laws of the United States or of any state thereof or the District of Columbia;

an estate, the income of which is subject to U.S. federal income tax regardless of its source; or

a trust if a U.S. court is able to exercise primary supervision over the administration of the trust and one or more U.S. persons have the authority to control all substantial decisions of the trust.

A non-U.S. holder is any beneficial owner of shares of Pharmion common stock that is for U.S. federal income tax purposes:

an individual who is classified as a nonresident for U.S. federal income tax purposes;

a foreign corporation; or

a foreign estate or trust.

A non-U.S. holder does not include a holder who is an individual present in the United States for 183 days or more in the taxable year of disposition and who is not otherwise a resident of the United States for U.S. federal income tax purposes.

If a partnership holds shares of Pharmion common stock, the tax treatment of a partner will generally depend on the status of the partner and the activities of the partnership. If you are a partner of a partnership holding shares of Pharmion common stock, you should consult your tax advisor.

The obligations of Pharmion and Celgene to consummate the merger as currently anticipated are conditioned upon the receipt of opinions from their respective counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code. Occasionally these opinions are referred to as the tax opinions in this document. Each of the tax opinions will be subject to certain customary assumptions, limitations and qualifications, and will be based upon the accuracy of certain factual representations of Celgene and Pharmion including, without limitation, representations in certificates to be delivered to counsel by the respective management of Pharmion and Celgene. No ruling has been or will be obtained from the Internal Revenue Service in connection with the merger. Pharmion stockholders should be aware that the tax opinions do not bind the Internal Revenue Service and that the Internal Revenue Service is therefore not precluded from successfully asserting, contrary to the opinions rendered, that the merger is a taxable transaction.

In the event Celgene's stock price declines to a point where the stock portion of the consideration to be delivered to Pharmion stockholders pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, the tax opinion conditions described above will be waived, the structure of the merger will be changed to a reverse merger and holders of Pharmion common stock will recognize taxable gain or loss on the exchange of their shares in the merger, as more fully explained below under United States Federal Income Tax Consequences to Pharmion Stockholders if the Transaction is Restructured as a Reverse Merger.

Except in the event of a sufficient decline in Celgene's stock price, as described in the preceding paragraph, Pharmion and Celgene expect to be able to obtain the tax opinions from their respective counsel if:

the merger occurs in accordance with the merger agreement;

Pharmion and Celgene are able to deliver to counsel the representations relevant to the tax treatment of the merger, as specified by the merger agreement; and

there is no adverse change in U.S. federal income tax law or the interpretation thereof.

Table of Contents

United States Federal Income Tax Consequences to Pharmion Stockholders if the Merger is Consummated as Currently Anticipated

U.S. Holders

A U.S. holder of shares of Pharmion common stock will generally recognize gain (but not loss) in an amount equal to the lesser of (1) the amount of gain realized (i.e., the excess, if any, of the sum of the amount of cash and the fair market value, as of the effective time of the merger, of the Celgene shares received in the merger over that stockholder's adjusted tax basis in its shares of Pharmion common stock surrendered) and (2) the amount of cash received in the merger. For this purpose, the amount of gain (or disallowed loss) must be calculated separately for each identifiable block of shares surrendered in the exchange, and a loss realized on one block of shares may not be used to offset a gain realized on another block of shares. U.S. holders of shares of Pharmion common stock should consult their tax advisors regarding the manner in which cash and shares of Celgene common stock received in the merger should be allocated among different blocks of Pharmion shares surrendered in the merger. Any recognized gain will generally be long-term capital gain if the stockholder's holding period of the Pharmion shares surrendered is more than one year at the effective time of the merger.

Notwithstanding the above, if the cash received has the effect of the distribution of a dividend, the gain will be treated as a dividend to the extent of the stockholder's ratable share of current or accumulated earnings and profits as calculated for U.S. federal income tax purposes. In general, the determination of whether the gain recognized in the merger will be treated as capital gain or dividend income will depend upon whether and to what extent the exchange in the merger reduces the U.S. holder's deemed percentage share ownership interest in Celgene. For purposes of this determination, a U.S. holder of shares of Pharmion common stock will be treated as if it first exchanged all of its shares of Pharmion common stock solely for shares of Celgene common stock and then Celgene immediately redeemed a portion of those shares of Celgene common stock in exchange for the cash that the U.S. holder actually received. In determining whether the receipt of cash has the effect of a distribution of a dividend, the Code's constructive ownership rules must be taken into account. The Internal Revenue Service has indicated in rulings that any reduction in the interest of a minority stockholder that owns a minimal number of shares in a publicly and widely held corporation and that exercises no control over corporate affairs would result in capital gain as opposed to dividend treatment. A U.S. holder of shares of Pharmion common stock that might be subject to these rules should consult his or her own tax advisor.

The aggregate tax basis of any shares of Celgene common stock received in the merger by a U.S. holder of shares of Pharmion common stock will be equal to the aggregate adjusted tax basis of the shares of Pharmion common stock surrendered in the merger, reduced by the amount of any cash received by the stockholder in the merger and increased by the amount of any gain recognized by the stockholder on the exchange (including any portion of the gain that is treated as a dividend as described above). The holding period of any shares of Celgene common stock received in the merger by a U.S. holder of shares of Pharmion common stock will include the holding period of the shares of Pharmion common stock surrendered in the merger. If a U.S. holder has different bases or holding periods in respect of its shares of Pharmion common stock, the holder should consult its tax advisor prior to the merger with regard to identifying the bases or holding periods of the particular shares of Celgene common stock received in the merger.

Capital gain of a non-corporate U.S. holder of shares of Pharmion common stock will generally be subject to a maximum U.S. federal income tax rate of 15% if the shares of Pharmion common stock were held for more than one year on the effective date of the merger.

Non-U.S. Holders

A non-U.S. holder will not be subject to U.S. federal income tax on gain or loss recognized with respect to consideration received in the merger unless (i) the gain is effectively connected with the non-U.S. holder's conduct of a trade or business in the United States and, if required by an applicable income tax treaty as a condition for U.S. taxation, the gain is attributable to a permanent establishment maintained in the United States, or (ii) the non-U.S. holder is an individual present in the United States for at least 183 days in the taxable year of the merger and certain other conditions are met. In either of those cases, the non-U.S. holder will be taxed in the same manner as a U.S. holder with respect to the recognition of gain or loss, as described above. A corporate non-U.S. holder may

Table of Contents

also, under certain circumstances, be subject to an additional branch profits tax at a 30% rate, or at a lower rate if that corporate non-U.S. holder is eligible for the benefits of an income tax treaty providing for a lower rate, with respect to gain that is effectively connected with its conduct of a trade or business in the United States.

United States Federal Income Tax Consequences to Pharmion Stockholders if the Transaction is Restructured as a Reverse Merger

U.S. Holders

If Celgene's stock price declines to a point where the stock portion of the consideration to be delivered to Pharmion stockholders in the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, (i) the transaction will not qualify as a reorganization within the meaning of Section 368(a) of the Code, (ii) the transaction will be restructured as a reverse merger in which Merger Sub will be merged with and into Pharmion and Pharmion will survive the merger as a wholly-owned subsidiary of Celgene and (iii) Pharmion and Celgene will be deemed to have waived the closing conditions to the merger that each receive an opinion of legal counsel that the merger qualifies as a reorganization within the meaning of Section 368(a) of the Code. In that case, a holder of shares of Pharmion common stock who receives cash and shares of Celgene common stock in the merger generally will recognize gain or loss equal to the difference, if any, between (i) the sum of the fair market value of the shares of Celgene common stock and the amount of cash received and (ii) the holder's tax basis in its shares of Pharmion common stock. Gain or loss will be determined separately for each block of shares of Pharmion stock surrendered in the exchange. Any gain or loss recognized by a holder of shares of Pharmion common stock generally will be long-term capital gain or loss if the holder's holding period of the shares of Pharmion common stock is more than one year. Capital gain of a non-corporate U.S. holder of Pharmion common stock will generally be subject to a maximum U.S. federal income tax rate of 15% if the shares of Pharmion common stock were held for more than one year on the effective date of the merger. The deduction of any capital loss is subject to limitations.

Non-U.S. Holders

A non-U.S. holder will not be subject to U.S. federal income tax on gain or loss recognized with respect to consideration received in the reverse merger unless (i) the gain or loss is effectively connected with the non-U.S. holder's conduct of a trade or business in the United States and, if required by an applicable income tax treaty as a condition for U.S. taxation, the gain or loss is attributable to a permanent establishment maintained in the United States, or (ii) the non-U.S. holder is an individual present in the United States for at least 183 days in the taxable year of the merger and certain other conditions are met. In either of those cases, the non-U.S. holder will be taxed in the same manner as a U.S. holder in the reverse merger with respect to the recognition of gain or loss, as described above. A corporate non-U.S. holder may also, under certain circumstances, be subject to an additional branch profits tax at a 30% rate, or at a lower rate if that corporate non-U.S. holder is eligible for the benefits of an income tax treaty providing for a lower rate, with respect to gain that is effectively connected with its conduct of a trade or business in the United States.

Backup Withholding

In general, proceeds from the disposition of shares of Pharmion common stock in the merger and certain other payments as described above will be subject to backup withholding for a non-corporate U.S. holder that:

fails to provide an accurate taxpayer identification number;

is notified by the Internal Revenue Service regarding a failure to report all interest or dividends required to be shown on its federal income tax returns; or

in certain circumstances, fails to comply with applicable certification requirements.

Persons that are not United States persons may be required to establish their exemption from backup withholding by certifying their status on an appropriate Internal Revenue Service Form W-8 (but these persons may be subject to the U.S. federal tax withholding imposed on non-U.S. persons).

Table of Contents

Any amount withheld under these rules will be creditable against the U.S. holder's U.S. federal income tax liability or refundable to the extent that it exceeds this liability, provided that the required information is furnished to the Internal Revenue Service.

Appraisal Rights

In connection with the merger, record holders of Pharmion common stock who comply with the procedures summarized below will be entitled to appraisal rights if the merger is consummated. Under Section 262 of the General Corporation Law of the State of Delaware, or DGCL, as a result of the consummation of the merger, holders of shares of Pharmion common stock with respect to which appraisal rights are properly demanded and perfected and not withdrawn or lost are entitled to have the fair value of their shares at the effective time of the merger (exclusive of any element of value arising from the accomplishment or expectation of the merger) judicially determined and paid to them in cash by complying with the provisions of Section 262. Pharmion is required to send a notice to that effect to each of its stockholders not less than 20 days prior to the special meeting. This proxy statement/prospectus constitutes that notice to you.

The following is a brief summary of Section 262 of the DGCL, which sets forth the procedures for demanding statutory appraisal rights. This summary is qualified in its entirety by reference to Section 262, a copy of the text of which is attached hereto as Annex B.

Pharmion stockholders of record who desire to exercise their appraisal rights must satisfy all of the following conditions.

A stockholder who desires to exercise appraisal rights must (a) not vote in favor of the merger and (b) deliver a written demand for appraisal of his or her shares to the Corporate Secretary of Pharmion before the vote on the merger at the special meeting.

A demand for appraisal must be executed by or for the stockholder of record, fully and correctly, as such stockholder's name appears on the certificates representing shares, or if the shares are held as direct registration shares, as such stockholder's name appears on the books and records of the transfer agent. If shares are owned of record in a fiduciary capacity, such as by a trustee, guardian or custodian, such demand must be executed by the fiduciary. If shares are owned of record by more than one person, as in a joint tenancy or tenancy in common, such demand must be executed by all joint owners. An authorized agent, including an agent of two or more joint owners, may execute the demand for appraisal for a stockholder of record; however, the agent must identify the record owner and expressly disclose that, in exercising the demand, he is acting as agent for the record owner. In addition, the stockholder must continuously hold the shares of record from the date of making the demand through the effective time.

A record owner, such as a broker, who holds shares as a nominee for others may exercise appraisal rights with respect to the shares held for all or less than all beneficial owners of shares as to which the holder is the record owner. In such case the written demand must set forth the number of shares covered by such demand. Where the number of shares is not expressly stated, the demand will be presumed to cover all shares outstanding in the name of such record owner.

Beneficial owners who are not record owners and who intend to exercise appraisal rights should instruct the record owner to comply strictly with the statutory requirements with respect to the exercise of appraisal rights before the vote on the merger agreement. A holder of shares held in street name who desires appraisal rights with respect to such shares must take such actions as may be necessary to ensure that a timely and proper demand for appraisal is made by the record owner of such shares. Shares held through brokerage firms, banks and other financial institutions are frequently deposited with and held of record in the name of a nominee of a central security depository, such as Cede & Co., The Depository Trust Company's nominee. Any holder of shares desiring appraisal rights with respect to such

shares who holds his or her shares through a brokerage firm, bank or other financial institution is responsible for ensuring that the demand for appraisal is made by the record holder thereof. The stockholder should instruct such firm, bank or institution that the demand for appraisal must be made by the record holder of the shares, which might be the nominee of a central security depository if the shares have been so deposited.

As required by Section 262, a demand for appraisal must be in writing and must reasonably inform Pharmion of the identity of the record holder (which might be a nominee as described above) and of such holder's intention to seek appraisal of such shares.

Table of Contents

A Pharmion stockholder of record who elects to demand appraisal of his or her shares must mail or deliver his or her written demand to: Pharmion Corporation, 2525 28th Street, Suite 200, Boulder, Colorado 80301, Attention: Corporate Secretary. The written demand for appraisal should specify the stockholder's name and mailing address, the number of shares owned, and that the stockholder is thereby demanding appraisal of his or her shares, and such written demand must be received by Pharmion prior to the special meeting. Neither voting (in person or by proxy) against, abstaining from voting on or failing to vote on the proposal to approve and adopt the merger agreement will alone suffice to constitute a written demand for appraisal within the meaning of Section 262.

In addition, the stockholder must not vote its shares of common stock in favor of the merger agreement. Because a proxy which does not contain voting instructions will, unless revoked, be voted in favor of the merger agreement, a stockholder who votes by proxy and who wishes to exercise appraisal rights must vote against the merger agreement or abstain from voting on the merger agreement.

Within 120 days after the effective time of the merger, either the surviving company in the merger or any stockholder who has timely and properly demanded appraisal of his or her shares and who has complied with the required conditions of Section 262 and is otherwise entitled to appraisal rights may commence an appraisal proceeding by filing a petition in the Delaware Court of Chancery demanding a determination of the fair value of the shares of all stockholders who have properly demanded appraisal. Notwithstanding the foregoing paragraphs, a person who is the beneficial owner of shares held either in a voting trust or by a nominee on behalf of such person may, in such person's own name, file such a petition if an appraisal has been timely and properly demanded. If a petition for an appraisal is timely filed, at a hearing on such petition the Delaware Court of Chancery will determine which stockholders are entitled to appraisal rights. After such determination, the appraisal proceeding will be conducted and through such proceeding the Delaware Court of Chancery shall determine the fair value of the shares exclusive of any element of value arising from the accomplishment or expectation of the merger, together with interest, if any, to be paid upon the amount determined to be the fair value. In determining fair value, the Delaware Court of Chancery is to take into account all relevant factors. Unless the Delaware Court of Chancery in its discretion determines otherwise for good cause shown, interest from the effective date of the merger through the date of payment of the judgment shall be compounded quarterly and shall accrue at 5% over the Federal Reserve discount rate (including any surcharge) as established from time to time during such period.

Pharmion stockholders considering seeking appraisal should bear in mind that the fair value of their shares determined under Section 262 could be more than, the same as, or less than the merger consideration they are entitled to receive pursuant to the merger agreement if they do not seek appraisal of their shares, and that opinions of investment banking firms as to the fairness from a financial point of view of the merger consideration payable in a merger are not opinions as to fair value under Section 262.

The cost of the appraisal proceeding (which does not include attorneys' fees or the fees or expenses of experts) may be determined by the Delaware Court of Chancery and taxed upon the parties as the Delaware Court of Chancery deems equitable in the circumstances. Upon application of a stockholder seeking appraisal rights, the Delaware Court of Chancery may order that all or a portion of the expenses incurred by such stockholder in connection with the appraisal proceeding, including, without limitation, reasonable attorneys' fees and the fees and expenses of experts, be charged pro rata against the value of all shares entitled to appraisal. In the absence of such a determination of assessment, each party bears its own expenses.

Except as explained in the last sentence of this paragraph, at any time within 60 days after the effective time of the merger, any stockholder who has demanded appraisal will have the right to withdraw his or her demand for appraisal and to accept the cash and shares of Celgene common stock to which such stockholder is entitled pursuant to the merger. After this period, such holder may withdraw his or her demand for appraisal only with the consent of the surviving company in the merger. If no petition for appraisal is filed with the Delaware Court of Chancery within

120 days after the effective time of the merger, stockholders' rights to appraisal will cease and all stockholders will be entitled only to receive the cash and shares of Celgene common stock as provided for in the merger agreement. Inasmuch as the parties to the merger agreement have no obligation to file such a petition, and have no present intention to do so, any stockholder who desires that such petition be filed is advised to file it on a timely basis. No petition timely filed in the Delaware Court of Chancery demanding appraisal will be dismissed as to any stockholders without the approval of the Delaware Court of Chancery, and such approval may be conditioned upon such terms as the Delaware Court of Chancery deems just.

Table of Contents

THE MERGER AGREEMENT

The following is a summary of selected material provisions of the merger agreement. This summary is qualified in its entirety by reference to the merger agreement, which is incorporated by reference in its entirety and attached to this proxy statement/prospectus as Annex A. **We urge you to read the merger agreement in its entirety.**

Form of the Merger

If the holders of Pharmion common stock approve and adopt the merger agreement and approve the merger, and all other conditions to the merger are satisfied or waived, Pharmion will be merged with and into Merger Sub, a newly formed and wholly-owned subsidiary of Celgene, and Merger Sub will survive the merger as a wholly-owned subsidiary of Celgene and will continue its existence as a limited liability company under Delaware law under the name Pharmion LLC. The merger agreement provides, however, that if, as of the date of the consummation of the merger, the value of the shares of Celgene common stock to be issued pursuant to the merger is less than approximately 40% of the value of the aggregate consideration to be issued in the merger and expected to be paid with respect to shares of Pharmion common stock as to which appraisal rights have been exercised under the DGCL, the merger will be restructured as a reverse merger in which Merger Sub will be merged with and into Pharmion and Pharmion will survive the merger as a wholly-owned subsidiary of Celgene and Pharmion and Celgene will be deemed to have waived the closing conditions to the merger that each receive an opinion of legal counsel that the merger qualifies as a reorganization within the meaning of Section 368(a) of the Code.

Merger Consideration

The merger agreement provides that each share of common stock outstanding immediately prior to the effective time of the merger (other than shares owned by Celgene or Merger Sub or shares for which appraisal rights have been perfected) will be converted, subject to adjustment as described below, into the right to receive:

\$25.00 in cash; and

the number of fully paid and nonassessable shares of Celgene common stock equal to the quotient, which we refer to as the exchange ratio, determined by dividing \$47.00 by the volume weighted average price per share of Celgene common stock (rounded to the nearest cent) on The Nasdaq Global Select Market for the 15 consecutive trading days ending on (and including) the third trading day immediately prior to the effective time of the merger, which we refer to as the measurement price; provided, however, that if the measurement price is less than \$56.15, the exchange ratio will be 0.8370 and if the measurement price is greater than \$72.93, the exchange ratio will be 0.6445.

Shares Held by Pharmion; Reclassification of Celgene and Pharmion Common Stock. Shares of Pharmion common stock held by Pharmion in treasury will be canceled in the merger.

If between the date of the merger agreement and the effective time of the merger, the outstanding shares of the common stock of either Celgene or Pharmion should split, combine or otherwise reclassify or are otherwise changed into any other securities, or a stock dividend or other stock distribution is made, the merger agreement provides that the merger consideration will be correspondingly adjusted, to the extent appropriate, to provide the holders of Pharmion common stock, Pharmion options and other awards under Pharmion's stock equity plans, the same economic effect as contemplated by the merger agreement prior to such event.

Fractional Shares of Celgene Common Stock. Celgene will not issue fractional shares of Celgene common stock in the merger. Instead, in lieu of fractional shares, each holder of Pharmion common stock who would otherwise be entitled to a fraction of a share of Celgene common stock will receive an amount of cash (rounded down to the nearest whole cent), without interest, equal to the product of such fraction multiplied by the measurement price.

Table of Contents

Closing

Unless the parties terminate the merger agreement pursuant to its terms or the parties agree otherwise, the closing of the merger will occur on the second business day after the satisfaction or waiver of all closing conditions, other than conditions that, by their nature, cannot be satisfied until the closing date.

Effective Time

The merger will become effective on the date and time of the filing of the certificate of merger with the Secretary of State of Delaware or such later time as is specified in the certificate of merger.

Treatment of Stock Options and Other Stock-Based Awards

Pharmion Options. Each unvested option to purchase shares of Pharmion common stock outstanding immediately prior to the effective time of the merger, which we refer to as unvested Pharmion options, will be converted, at the effective time of the merger, into an option to acquire such number of shares of Celgene common stock equal to the product (rounded down to the nearest number of whole shares) of (i) the number of shares of Pharmion common stock subject to such option immediately prior to the effective time of the merger and (ii) the fraction, which we refer to as the option exchange ratio, having the numerator equal to the per share consideration to be received by the stockholders of Pharmion described above (valuing the stock portion of the merger consideration at the measurement price thereof) and having the denominator equal to the measurement price, at an exercise price per share (rounded up to the nearest whole cent) equal to (A) the exercise price per share of such option immediately prior to the effective time of the merger divided by (B) the option exchange ratio. Outstanding unvested options to purchase shares of Pharmion common stock that were granted to directors pursuant to Pharmion's equity compensation plans will vest immediately prior to the consummation of the merger.

Each vested option to purchase shares of Pharmion common stock outstanding immediately prior to the effective time of the merger, which we refer to as vested Pharmion options, will, by virtue of the merger and without any action on the part of the holders thereof, be canceled at the effective time of the merger and will only entitle the holder of such option to receive, as soon as reasonably practicable after the effective time of the merger, from Celgene, the consideration (subject to all applicable income and employment withholding taxes) such holder would have received if such holder had effected a cashless exercise of such vested Pharmion option immediately prior to the effective time of the merger and the shares of Pharmion common stock issued upon such cashless exercise were converted in the merger into the consideration to be received by the stockholders of Pharmion in the merger described above. Such cashless exercise shall be deemed to have been effected by distributing to the holder of each vested option to purchase shares of Pharmion common stock a number of shares of Pharmion common stock equal to the number of shares of Pharmion common stock subject to each such vested option, less the number of shares of Pharmion common stock equal in value to the sum of the aggregate exercise price of each such vested option plus the aggregate income and employment withholding taxes payable as a result of the deemed exercise of each such vested option (measured based on the extent to which the aggregate fair market value of the total number of shares of Pharmion common stock issuable under each vested option immediately prior to the effective time of the merger exceeds the aggregate exercise price of each such vested option). The net number of shares of Pharmion common stock deemed issued in connection with the deemed cashless exercise of each such vested option shall be converted on the effective time into the consideration to be received by the stockholders of Pharmion in the merger described above.

Restricted Stock Units. Restricted stock units held under Pharmion's equity compensation plans will become fully vested at the effective time of the merger, subject to applicable income and employment withholding taxes, and will be canceled as of the effective time of the merger and converted into the right to receive the per share merger

consideration as described above.

Employee Stock Purchase Plan. The merger agreement provides that, with respect to Pharmion's 2006 Employee Stock Purchase Plan, or ESPP, Pharmion will take all actions necessary to (i) prevent each individual participating in the current offering period in progress as of the date of the merger agreement from (A) increasing the amount of his or her rate of payroll contributions under the ESPP from the rate in effect when such current offering period commenced and (B) making separate non-payroll contributions to the ESPP on or following the date

Table of Contents

of the merger agreement; (ii) prevent any individual who is not participating in the ESPP as of the date of the merger agreement from commencing participation in the ESPP following the date of the merger agreement; (iii) cause the current offering period in progress as of the date of the merger agreement to terminate at the earlier to occur of January 31, 2008 and the date five days prior to the effective time of the merger; (iv) cause each participant's accumulated contributions under the ESPP to be used to purchase shares of Pharmion common stock in accordance with the terms of the ESPP at the end of the current offering period in progress as of the date of the merger agreement; and (v) terminate the ESPP immediately following the end of the current offering period in progress as of the date of the merger agreement. All shares of Pharmion common stock purchased under the ESPP during the current offering period will be canceled at the effective time of the merger and converted into the right to receive the merger consideration in accordance with the terms and conditions of the merger agreement.

Representations and Warranties

The merger agreement contains representations and warranties of Pharmion, Celgene, and Merger Sub made to each other as of specific dates. The assertions embodied in those representations and warranties were made solely for purposes of the contract between Pharmion, Celgene and Merger Sub and may be subject to important qualifications and limitations agreed to by Pharmion, Celgene and Merger Sub in connection with negotiating its terms. Accordingly, you should not rely on the representations and warranties as accurate or complete or characterizations of the actual state of facts as of any specified date since they are modified in important part by the underlying disclosure schedules which are not filed publicly and which are subject to a contractual standard of materiality different from that generally applicable to stockholders and were used for the purpose of allocating risk among Pharmion, Celgene and Merger Sub rather than establishing matters as facts. Moreover, information concerning the subject matter of the representations and warranties may change after the date of merger agreement. For the foregoing reasons, no person should rely on the representations and warranties as statements of factual information.

The merger agreement contains representations and warranties by Pharmion relating to a number of matters, including the following:

- organization, valid existence, good standing and qualification to do business of Pharmion and its subsidiaries;

- the corporate authorization and validity of the merger agreement;

- the approval by the board of directors of Pharmion of the merger agreement and the transactions contemplated thereby;

- the absence of any conflict with Pharmion's certificate of incorporation or by-laws, with applicable laws or any agreement to which Pharmion or any of its subsidiaries is a party, and, subject to certain exceptions set forth in the merger agreement, the absence of governmental filings and approvals necessary to complete the merger;

- the execution and performance of the merger agreement not resulting in any breaches of any provision of law, or requiring any material authorization, consent, approval, exemption or other action by or notice to any court or governmental entity, or requiring any consent under material contracts of Pharmion, or resulting in any breach of or a default under any material contract, or resulting in or giving to others any rights or privileges of acceleration, amendment, cancellation, modification, revocation, suspension or termination of any contracts or obligations thereunder, or creating any obligation on behalf of Pharmion or any of its subsidiaries or resulting in the amendment, creation, imposition or modification of any lien upon any of the properties or assets of Pharmion or any of its subsidiaries;

- Pharmion's capitalization;

documents filed by Pharmion with the SEC and the accuracy of information contained in such documents, the conformity with generally accepted accounting principles of Pharmion's financial statements and the absence of undisclosed liabilities;

the absence of certain material adverse changes or events in Pharmion's business or condition;

Table of Contents

ownership of property and validity of leases;

tax matters and the payment of taxes;

material contracts;

ownership and validity of intellectual property rights;

the absence of material pending or threatened litigation;

employee benefit plans;

insurance;

ownership and validity of licenses and permits;

the compliance of the business of Pharmion and its subsidiaries with all applicable laws, regulations, orders and other requirements of all governmental entities;

truth and correctness of filings made by Pharmion and its subsidiaries for regulatory approval or registration of candidates, compounds or products of Pharmion or any of its subsidiaries;

maintenance of product registration files and dossiers in accordance with applicable laws;

various environmental matters, including compliance with environmental laws;

the absence of affiliate transactions;

labor relations;

broker's and finder's fees related to the merger;

opinion of Pharmion's financial advisor;

the required vote by the stockholders of Pharmion to complete the merger; and

no violation of state takeover statutes.

The merger agreement also contains representations and warranties by Celgene and Merger Sub relating to a number of matters, including:

the organization, valid existence, good standing and qualification to do business of Celgene, its subsidiaries and Merger Sub;

the corporate authorization and validity of the merger agreement;

the approval by Celgene's and Merger Sub's board of directors of the merger agreement and the transactions contemplated thereby;

the absence of any conflict with Celgene's or Merger Sub's certificate of incorporation or by-laws, with applicable laws or any agreement to which Celgene or any of its subsidiaries is a party, and, subject to certain exceptions set forth in the merger agreement, the absence of governmental filings and approvals necessary to complete the merger;

the execution and performance of the merger agreement not resulting in any breaches of any provision of law, or requiring any material authorization, consent, approval, exemption or other action by or notice to any court or governmental entity, or requiring any consent under material contracts of Celgene, or resulting in any breach of or a default under any material contract, or resulting in or giving to others any rights or privileges of acceleration, amendment, cancellation, modification, revocation, suspension or termination of any contracts or obligations thereunder, or creating any obligation on behalf of Celgene or any of its subsidiaries or resulting in the amendment, creation, imposition or modification of any lien upon any of the properties or assets of Celgene or any of its subsidiaries;

Celgene's capitalization;

Table of Contents

documents filed by Celgene with the SEC and the accuracy of information contained in such documents and the conformity with generally accepted accounting principles of Celgene's financial statements;

the absence of certain material adverse changes or events in Celgene's business or condition;

ownership of property and validity of leases;

tax matters and the payment of taxes;

material contracts;

ownership and validity of intellectual property rights;

the absence of material pending or threatened litigation;

Celgene's and Merger Sub's compliance with all foreign, federal, state and local laws, and possession of all material permits and regulatory approvals necessary to conduct its business;

various environmental matters, including compliance with environmental laws;

the absence of affiliate transactions;

employee benefit plans;

broker's and finder's fees related to the merger;

Celgene's sufficiency of funds; and

the operations of Merger Sub.

Certain of Pharmion's representations and warranties are qualified as to materiality or material adverse effect, which means, with respect to Pharmion, any event, change, development, effect or occurrence that, either individually or in the aggregate with all other events, changes, developments, effects or occurrences, would have, or could reasonably be expected to have, a material adverse effect on the properties, assets, intellectual property rights, liabilities, business, results of operations or financial condition of Pharmion and its subsidiaries, taken as a whole. However, a Pharmion material adverse effect does not include the effect of any event, change, development, effect or occurrence resulting from or arising out of (i) changes in the financial markets generally in the United States or that are the result of acts of war or terrorism, (ii) general national or international economic, financial or business conditions affecting generally the pharmaceutical industry that do not relate to or arise from any pending, threatened or ongoing litigation and which do not have a disproportionate effect on Pharmion and its subsidiaries, (iii) the execution, announcement and performance of the merger agreement, (iv) the withdrawal by Pharmion or any of its subsidiaries of, or any adverse determination of the FDA or the EMEA or any other foreign governmental entity within any European Union member state with respect to any application for approval to market any pharmaceutical product, (v) any decline in trading price or trading volume of Pharmion common stock, (vi) any failure by Pharmion to meet internal projections or forecasts or third-party revenue or earnings predictions, or (vii) changes in GAAP or law which do not have a disproportionate effect on Pharmion or its subsidiaries; provided, however, that any event, change, development, effect or occurrence giving rise to such withdrawal or adverse determination in clause (iv), to the extent constituting a breach of Pharmion's representations and warranties, may be considered in determining whether Pharmion is able to

bring down its representations and warranties at the closing of the merger; provided further that any event, change, development, effect or occurrence giving rise to such a decline in trading price or trading volume in clause (v) or the failure to meet internal projections or forecast or third party predictions as described in clause (vi) may be the cause of a material adverse effect with respect to Pharmion. In addition, a material adverse effect means, with respect to Pharmion, any event, change, development, effect or occurrence that would have a material adverse effect on the ability of Pharmion to consummate the merger or perform its obligations under the merger agreement.

Certain of Celgene's representations and warranties are qualified as to materiality or material adverse effect, which means, with respect to Celgene, any event, change, development, effect or occurrence that, either individually or in the aggregate with all other events, changes, developments, effects or occurrences, would have, or could reasonably be expected to have, a material adverse effect on the properties, assets, intellectual property rights,

Table of Contents

liabilities, business, results of operations or financial condition of Celgene and its subsidiaries, taken as a whole. However, a Celgene material adverse effect does not include the effect of any event, change, development, effect or occurrence resulting from or arising out of (i) changes in the financial markets generally in the United States or that are the result of acts of war or terrorism, (ii) general national or international economic, financial or business conditions affecting generally the pharmaceutical industry that do not relate to or arise from any pending, threatened or ongoing litigation and which do not have a disproportionate effect on Celgene and its subsidiaries, (iii) the execution, announcement and performance of the merger agreement or any actions taken, delayed or omitted to be taken by Celgene at the written request of Pharmion, (iv) the withdrawal by Celgene or any of its subsidiaries of, or any adverse determination of the FDA or the EMEA or any other foreign governmental entity within any European Union member state with respect to any application for approval to market any pharmaceutical product, (v) any decline in trading price of Celgene common stock, (vi) any failure by Celgene to meet internal projections or forecasts or third-party revenue or earnings predictions, or (vii) changes in GAAP or law which do not have a disproportionate effect on Celgene or its subsidiaries; provided, however, that any event, change, development, effect or occurrence giving rise to such withdrawal or adverse determination in clause (iv), to the extent constituting a breach of Celgene's representations and warranties, may be considered in determining whether Celgene is able to bring down its representations and warranties at the closing of the merger; provided further that any event, change, development, effect or occurrence giving rise to such a decline in trading price or trading volume in clause (v) or the failure to meet internal projections or forecast or third party predictions as described in clause (vi) may be the cause of a material adverse effect with respect to Celgene. In addition, a material adverse effect means, with respect to Celgene, any event, change, development, effect or occurrence that would have a material adverse effect on the ability of Celgene to consummate the merger or perform its obligations under the merger agreement.

Covenants and Agreements

Conduct of Pharmion's Business Pending Merger. Pharmion has agreed that, until the earlier of the termination of the merger agreement and the effective time of the merger, except as contemplated by the merger agreement or required by law, Pharmion and its subsidiaries will:

conduct their business in all material respects only in the ordinary course of business, consistent with past practice; and

to the extent consistent with the above, use their reasonable best efforts to (i) preserve their business organization intact, preserve material contracts in force and maintain existing relations and goodwill with customers, suppliers, distributors, creditors, lessors, officers, employees, business associates and consultants, (ii) maintain and keep material properties and assets in good repair and condition, (iii) maintain in effect all material governmental permits pursuant to which Pharmion or its subsidiaries currently operate, and (iv) maintain and enforce Pharmion's intellectual property rights.

Additionally, subject to certain exceptions, neither Pharmion nor any of its subsidiaries will (except as specifically contemplated by the terms of the merger agreement), between the date of the merger agreement and the earlier of the termination of the merger agreement in accordance with its terms and the effective time of the merger, do any of the following without the prior written consent of Celgene:

(i) issue, sell, purchase or redeem any additional shares of capital stock (except as contemplated in the merger agreement), (ii) effect any recapitalization, reclassification, stock dividend, stock split or like change in its capitalization, (iii) declare, set aside or pay any dividends on, or make any other distributions in respect of its capital stock other than dividends and distributions by a direct or indirect wholly-owned subsidiary to its parent, (iv) make any acquisition of, or investment in, assets or stock in any transaction or any series of related transactions for an aggregate purchase price or prices in excess of \$1,000,000, or (v) enter into an agreement

with respect to the voting of the capital stock of Pharmion;

amend or otherwise change Pharmion's or any of its subsidiaries' certificates of incorporation or by-laws;

incur any indebtedness for borrowed money (other than letters of credit in the ordinary course of business not to exceed \$3,000,000 in the aggregate or intercompany indebtedness) or sell, lease, sublease, license or permit to be subject to any lien (other than existing liens and liens permitted under the merger agreement) or

Table of Contents

otherwise dispose of any of its material properties or assets (other than the sale of inventory in the ordinary course of business consistent with past practice);

enter into any new line of business or make or agree to make any new capital expenditure or expenditures in excess of \$4,000,000 in the aggregate and, except in the ordinary course of business and consistent with past practice, modify, amend or terminate any material contract or waive, release or assign any material rights or claims thereunder or dispose of, grant, obtain, or permit to lapse any material intellectual property rights or dispose of or disclose any material trade secret;

discharge, settle, compromise, assign or satisfy any claim (i) outside of the ordinary course of business consistent with past practice, (ii) relating to or arising from any securities class action claims or related derivative claims or (iii) relating to or arising from any drug pricing claims;

grant or announce any stock option, equity or incentive award or increase salaries or other compensation or benefits payable to any employee, officer, director, stockholders or service provider of Pharmion except in the ordinary course of business and consistent with past practice or as otherwise contemplated by the merger agreement;

hire any new employees, except in the ordinary course of business consistent with past practices;

pay or agree to pay to any employee, officer, director, stockholder or service provider of Pharmion any pension, retirement allowance, termination or severance pay, bonus or other employee benefit not required by any existing employee benefit or equity plan or other agreement in effect on the date of the merger agreement that has been disclosed or made available to Celgene, except as required by law or pursuant to the merger agreement;

except as required by any agreement in effect on the date of the merger agreement that has been disclosed or made available to Celgene, or except as required by law, or except as may be required to comply with Section 409A of the Code, enter into or amend any contract of employment or any consulting, bonus, severance, retention, retirement or similar agreement, except for agreements for newly hired employees in the ordinary course of business consistent with past practice;

except as required by the merger agreement, enter into or adopt any new employee benefit or equity plan, or increase benefits under or renew, amend, or terminate any existing employee benefit or equity plan, benefit arrangement or collective bargaining agreement;

make any commitments to employees regarding the compensation, benefits or other treatment that they will receive in connection with, or subsequent to the consummation of the merger;

make any material change in accounting methods, principles or practices except as required by GAAP and as concurred with by Pharmion's independent auditors;

enter into any contract that limits or restricts Pharmion, its subsidiaries, affiliates or successors or that could, after the consummation of the merger, limit or restrict Celgene or any of its affiliates and their successors from engaging or competing in any line of business or product line or in any geographic area;

not make, revoke or amend any material tax election, extend or waive the application of any statute of limitation regarding the assessment or collection of any material tax, settle or compromise any material tax liability or refund, enter into any agreement relating to material taxes or file any material amended tax return;

take any action to render inapplicable, or to exempt any third party from, any state takeover law or state law that purports to limit or restrict business combinations or the ability to acquire or vote any securities of Pharmion or its subsidiaries;

take any action that is intended or could reasonably be expected to result in any of the conditions to the consummation of the merger not being satisfied; or

commit to do any of the foregoing.

Table of Contents

Nothing contained in the merger agreement gives Celgene or Merger Sub, directly or indirectly, any right to control or direct the operations of Pharmion or its subsidiaries prior to the effective time of the merger.

Conduct of Celgene's Business Pending Merger. Celgene has agreed that, until the earlier of the termination of the merger agreement and the effective time of the merger and except as contemplated by the merger agreement or required by law, Celgene and its subsidiaries will:

conduct their business in all material respects only in the ordinary course; and

use their reasonable best efforts, consistent with past practice to (i) preserve their business organization intact, preserve material contracts in force and maintain existing relations and goodwill with customers, suppliers, distributors, creditors, lessors, officers, employees, business associates and consultants, (ii) maintain and keep material properties and assets in good repair and condition, (iii) maintain in effect all material governmental permits pursuant to which Celgene or its subsidiaries currently operate, and (iv) maintain and enforce Celgene's intellectual property rights.

Additionally, neither Celgene nor any of its subsidiaries will, between the date of the merger agreement and the earlier of the termination of the merger agreement in accordance with its terms and the effective time of the merger, do any of the following without the prior written consent of Pharmion:

amend its or any of its subsidiaries' organizational documents;

split, combine or reclassify its outstanding shares of capital stock without adjusting the merger consideration; or

declare, set aside or pay any dividend payable in cash, stock or property in respect of any capital stock (other than dividends from its direct or indirect wholly-owned subsidiaries to it or a wholly-owned subsidiary), or adopt a plan of complete or partial liquidation or dissolution.

Proxy Statement and Registration Statement. The merger agreement requires Pharmion to prepare and file a proxy statement with the SEC, and requires Celgene to prepare and file with the SEC a registration statement on Form S-4, of which this proxy statement/prospectus forms a part, and a resale registration statement on Form S-3, covering the resale of the shares of Celgene common stock held by those stockholders of Pharmion who may be deemed to be affiliates for purposes of the resale provisions of Rule 145 under the Securities Act at the time of the special meeting.

Meeting of Pharmion Stockholders; Board Recommendation. Under the merger agreement, the board of directors of Pharmion is required to recommend that its stockholders vote in favor of approval and adoption of the merger agreement and approval of the merger. In the case of a superior proposal prior to the approval of the merger by Pharmion stockholders, the board of directors of Pharmion can modify or withdraw its recommendation or recommend a superior third-party acquisition proposal if it determines in good faith, after consultation with outside legal counsel, that the failure to change its recommendation would be reasonably likely to violate its fiduciary obligations under applicable law. Pharmion may also disclose any material fact to its stockholders if the board or directors of Pharmion determines in good faith, after consultation with outside legal counsel, that the failure to disclose such facts to Pharmion stockholders (including the fact that an acquisition proposal has been submitted to Pharmion), would be reasonably likely to violate its fiduciary duties under applicable law. If the board of directors of Pharmion withdraws or modifies its recommendation or approves or recommends a superior proposal, Celgene is entitled to terminate the merger agreement and require Pharmion to pay a termination fee of \$70 million. Regardless of any withdrawal or modification by the board of directors of Pharmion of its recommendation of the merger, unless

the merger agreement is terminated in accordance with its terms, Pharmion is required under the terms of the merger agreement to call and hold its special meeting of stockholders to consider approval and adoption of the merger agreement and approval of the merger.

Access to Information. Subject to applicable laws relating to the exchange of information and existing confidentiality obligations, Pharmion has agreed to, and to cause its subsidiaries to, afford Celgene and its representatives, during normal business hours and upon reasonable advance notice during the period prior to the effective time of the merger, reasonable access to all of Pharmion's and Pharmion's subsidiaries' offices, employees, customers, suppliers, properties, books and records (so long as such access does not unreasonably interfere with the operation of Pharmion and its subsidiaries).

Table of Contents

No Solicitation. The merger agreement precludes Pharmion (whether directly or indirectly through subsidiaries, affiliates and representatives) from:

soliciting, initiating, knowingly encouraging or taking any other action to facilitate the submission of acquisition proposals; or

participating in or knowingly encouraging any discussion or negotiations regarding, or furnishing to any person any information with respect to, or knowingly facilitating or taking any other action with respect to any inquiry or proposal that constitutes or could reasonably be expected to lead to an alternative transaction or acquisition proposal.

An acquisition proposal means any offer or proposal relating to a merger, consolidation, business combination, share exchange, tender offer, reorganization, recapitalization, liquidation, dissolution or similar transaction involving Pharmion, or any direct or indirect purchase or other acquisition by a person, together with its affiliates, of, or a series of transactions to purchase or acquire, 30% or more of the consolidated assets or revenues of Pharmion and its subsidiaries or 30% or more of any class of equity securities of Pharmion or any of its subsidiaries or any resulting parent company of Pharmion, other than the merger contemplated by the merger agreement.

The merger agreement provides that these restrictions do not prohibit Pharmion from furnishing information to, and entering into discussions or negotiations with, any person that makes an acquisition proposal that is unsolicited (that does not result from a breach of Pharmion's obligations under the merger agreement with respect to third-party acquisition proposals) if (i) Pharmion enters into a confidentiality agreement with such person that is no less favorable to Pharmion than the provisions of the confidentiality agreement between Pharmion and Celgene, (ii) all information provided to such person is also provided to Celgene and (iii) the board of directors of Pharmion determines in good faith (after consultation with Pharmion's financial advisor and outside legal counsel) that such acquisition proposal constitutes a superior proposal or is reasonably likely to result in a superior proposal and (after consultation with Pharmion's outside legal counsel) that the failure to take such action would be reasonably likely to violate its fiduciary duties under applicable law.

Pharmion is required to provide prompt written notice (by the following day) to Celgene of (i) the receipt of any acquisition proposal or any modification or amendment to an acquisition proposal, (ii) the identity of the person making such acquisition proposal and the material terms and conditions of the acquisition proposal (including a copy of the acquisition proposal), and, (iii) if the acquisition proposal is determined to constitute a superior proposal, written notice thereof. Pharmion is obligated to keep Celgene reasonably informed on as prompt a basis as is reasonably practicable of the status of any acquisition proposal. The board of directors of Pharmion must, if requested by Celgene, for a period of not less than three business days, negotiate in good faith with Celgene to make adjustments to the terms and conditions of the merger agreement so that the board of directors of Pharmion would not be required to change their recommendation in favor of the merger agreement and the merger.

A superior proposal means a bona fide written proposal made by a third party relating to a merger, consolidation, business combination, share exchange, tender offer, reorganization, recapitalization, liquidation, dissolution or similar transaction involving Pharmion, or any direct or indirect purchase or other acquisition by a person, together with its affiliates, of, or a series of transactions to purchase or acquire, 100% or more of the consolidated assets or revenues of Pharmion and its subsidiaries or 100% or more of any class of equity securities of Pharmion or any of its subsidiaries or any resulting parent company of Pharmion that the board of directors of Pharmion determines in its good faith business judgment (after consultation with Pharmion's financial advisor and outside legal counsel) to be (i) more favorable to Pharmion stockholders than the merger contemplated by the merger agreement and relevant legal, financial and regulatory aspects of the proposal, the identity of the third party making such proposal and the conditions for completion of such proposal, (ii) reasonably capable of being consummated, taking into account all

financial, legal, regulatory and other aspects of such proposal and (iii) not conditioned upon the ability to obtain financing.

Under certain circumstances, Pharmion may terminate the merger agreement to enter into an agreement with a third party with respect to a superior proposal. See Termination. If the merger agreement is terminated in that circumstance, Pharmion will be required to pay Celgene a termination fee concurrently with such termination. See Effect of Termination.

Table of Contents

Reasonable Best Efforts; Consents, Waivers, Authorizations and Approvals. Pharmion, Celgene and Merger Sub are required to use their reasonable best efforts to take, or cause to be taken, all actions, to file, or cause to be filed, all documents and to do, or cause to be done, all things necessary, proper or advisable to consummate the transactions contemplated by the merger agreement, including obtaining all necessary consents, waivers, approvals, authorizations, permits or orders from all third parties, including governmental entities. In no event, however, will Celgene be obligated to sell, transfer or otherwise divest any of its or any of its subsidiaries' assets, properties or businesses or enter into any agreements providing for any such sale, transfer or other divestiture or restricting or limiting in any way Pharmion or its subsidiaries or affiliates from engaging in any business anywhere in the world. Additionally, each party to the merger agreement will refrain from taking any action that would reasonably be likely to result in a failure of any of the conditions to the merger in the merger agreement being satisfied or restrict or materially delay such party's ability to consummate the merger and other transactions contemplated by the merger agreement. Pharmion is obligated to sell or divest its assets as necessary to obtain any necessary consents, waivers, approvals, authorizations, permits or orders from all third parties, including governmental entities, if so requested by Celgene, provided that such action is conditioned upon consummation of the merger.

HSR Act and Regulatory Matters. Under the terms of the merger agreement, Celgene will determine whether any regulatory approvals are required in connection with the merger, and the parties will cooperate to seek and obtain any such regulatory approvals. The merger agreement provides that the parties will make only such antitrust filings as specified in the merger agreement unless the parties agree that other filings are necessary or Celgene determines in good faith, after consultation with legal counsel, that other filings are required by law. Pharmion, Celgene and Merger Sub must cooperate with each other in seeking and obtaining any actions, consents, approvals or waivers reasonably required to be obtained from any party in connection with the consummation of the transactions contemplated by the merger agreement. In addition, the parties will use reasonable best efforts to take all steps necessary to prevent or remove any actual or threatened injunction, order or other determination that would prevent or delay consummation of the merger. As noted above, Pharmion may be obligated to sell or divest its assets as necessary to obtain any requisite antitrust approvals, if so requested by Celgene, provided that such action is conditioned upon consummation of the merger. Celgene is not obligated to sell or divest any of its assets in order to obtain the requisite antitrust approvals.

Certain Notice. Pharmion and Celgene are required, from the date of the merger agreement until the earlier to occur of the consummation of the merger and the termination of the merger agreement, to promptly notify each other of the occurrence or non-occurrence of any event that would be likely to cause any condition to the obligations of the other party to effect the merger and other transactions contemplated by the merger agreement not to be satisfied or the failure of either party to comply with or satisfy any covenant, condition or agreement to be complied with or satisfied by it pursuant to the merger agreement.

Public Announcements. Pharmion and Celgene will consult with and obtain the approval of the other party before issuing any press release or other public announcement with respect to the merger or the merger agreement and will not issue any such press release prior to such consultation and approval.

Indemnification of Directors and Officers. After the consummation of the merger, Celgene and Merger Sub will indemnify and hold harmless, to the fullest extent permitted under applicable law, the present and former directors and officers of Pharmion and its subsidiaries against any costs or expenses (including reasonable attorneys' fees), judgments, fines, losses, claims, damages or liabilities incurred in connection with any claim, action, suit, proceeding or investigation arising out of or pertaining to matters existing or occurring at or prior to the consummation of the merger. For six years from the consummation of the merger, Celgene will or will cause Merger Sub to maintain in effect for the benefit of such former officers and directors of Pharmion and its subsidiaries an insurance and indemnification policy with an insurer with the same or better credit rating as the current carrier for Pharmion that provides coverage for acts or omissions occurring on or prior to the date of the consummation of the merger covering each such person covered by the officers' and directors' liability insurance policy of Pharmion on terms with respect to

coverage and in amounts no less favorable than those of Pharmion's directors and officers' insurance policy in effect on the date of the merger agreement. Additionally, Celgene will cause to be maintained in Merger Sub's (or any successor's) certificate of formation and operating agreement provisions with respect to indemnification, exculpation and advancement of expenses that are at least as favorable to the intended

Table of Contents

beneficiaries as those contained in Pharmion's certificate of incorporation or by-laws as in effect on the date of the merger agreement.

Employee Matters. Under the merger agreement, Celgene and Pharmion agreed to the following covenants related to the provision of employee benefits following the merger:

Following the effective time of the merger and ending on December 31 of the calendar year immediately following the calendar year in which the consummation of the merger occurs, Celgene will cause the surviving company to provide to Pharmion's employees who continue to be employed by Celgene or an affiliate of Celgene, compensation and employee benefits (other than equity compensation) that are comparable in the aggregate to the greater of (i) those provided by Celgene and its subsidiaries to similarly situated employees and (ii) those provided to the Pharmion employees prior to the effective time of the merger.

Each Pharmion employee will be given credit for all service with Pharmion and its subsidiaries and their respective predecessors under any employee benefit plan in which Pharmion employees participate for purposes of eligibility, vesting and entitlement to benefits (but not for accrual of pension benefits).

In the event of any change in the welfare benefits provided to employees of Pharmion following the effective time of the merger, Celgene will cause (i) the waiver of all limitations as to pre-existing conditions, exclusions and waiting periods with respect to participation and coverage requirements applicable to Pharmion employees under any such welfare plans to the extent that such conditions, exclusions or waiting periods would not apply in the absence of such change, and (ii) for the plan year in which the closing of the merger occurs, the crediting of each Pharmion employee with any co-payments and deductibles paid prior to any such change in satisfying any applicable deductible or out-of-pocket requirements after such change.

Retention Plan. As contemplated by the merger agreement, Pharmion has adopted a retention plan with the approval of Celgene providing retention benefits to employees of Pharmion or its successor. The retention plan generally provides for the following benefits:

Employees who are not U.S. field-based sales employees may be eligible to receive incentive bonuses in respect of the achievement of certain individual and corporate goals for 2007 as determined by Pharmion's board of directors, which bonuses may be paid in amounts of up to 200% of the recipient-employee's annual bonus target. To be eligible for a bonus under Pharmion's incentive bonus program, employees must have been employed by December 31, 2007 and remain employed through the date the incentive bonuses are paid. Incentive bonuses will be prorated for those Pharmion employees who were not employed for the full 2007 calendar year. U.S. field-based sales employees will be paid quarterly bonuses subject to the achievement of quarterly sales targets, and those who remain actively employed with Pharmion may receive additional bonuses for each of the first and second quarters of 2008 subject to the achievement of sales targets.

Employees (including Pharmion's executive officers) who remain actively employed with Pharmion during the pendency of and through the consummation of the merger may be entitled to receive a retention award, payable as soon as practicable following the effective time of the merger, in the amount of either (i) 25% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs on or prior to June 1, 2008, or (ii) 50% of annual base salary as in effect on December 1, 2007, if the effective time of the merger occurs after June 1, 2008. The retention award will be paid to those employees who were employed or had accepted offers of employment by November 18, 2007, the date the execution of the merger agreement was announced.

To the extent that payments received by Pharmion employees under the retention plan in connection with the merger, the Celgene severance plan (as described below) or otherwise would exceed the limitation of

Section 280G of the Code, affected employees will be entitled to receive either (i) the full amount of such payments, or (ii) a reduced amount that will be \$1 less than the applicable Section 280G threshold amount, whichever results in a greater after-tax benefit to such affected employees. The foregoing will not apply to the executives entitled to gross-up payments pursuant to their employment agreements (as described under THE MERGER Interests of Certain Persons in the Merger on page 49).

Table of Contents

Severance Benefits. As contemplated by the merger agreement, Celgene has agreed to provide severance benefits for a limited period following the effective time of the merger to former employees of Pharmion who continue to be employed by Celgene (although executive officers of Pharmion with employment agreements will not be eligible to receive such severance benefits). Celgene is generally expected to provide the following severance benefits, adjusted as required by local law:

In the event of a termination of a former Pharmion employee's service (other than an executive officer with an employment agreement) by Celgene without cause (as defined in the Pharmion 2000 Stock Incentive Plan) or by such employee as a result of Celgene's failure to provide such employee with comparable employment (defined as a position with Pharmion (or its successor) on and following the consummation of the merger which (i) does not result in a material reduction in scope, or material change in content, of such holder's duties and responsibilities, (ii) provides such holder with compensation and employee benefits (other than equity compensation) that are comparable in the aggregate to the greater of (x) those provided by the parent company of Pharmion (or its successor) to similarly situated employees of such parent company and (y) those provided by Pharmion to such holder immediately prior to the consummation of the merger, and (iii) does not require such holder to relocate his principal business location beyond 50 miles from his principal business location immediately prior to the consummation of the merger) during the period commencing on the effective time of the merger and ending on the 12-month anniversary thereof, such employee will be entitled to:

For director level employees and above: Six months of continued base salary, plus two weeks of continued base salary for each completed year of service, plus a lump-sum, pro-rated portion of the employee's target bonus pro-rated for the portion of the year that has elapsed prior to the date of termination and contingent upon bonus objectives being substantially met up to the date of termination, plus a payment in respect of accrued but unused vacation time as of the date of termination.

For employees below the director level: Three months of continued base salary, plus two weeks of continued base salary for each completed year of service, plus a lump-sum, pro-rated portion of the employee's target bonus pro-rated for the portion of the year that has elapsed prior to the date of termination and contingent upon bonus objectives being substantially met up to the date of termination, plus a payment in respect of accrued but unused vacation time as of the date of termination.

For all eligible employees, (i) continued health coverage at the active employee rate for the period utilized for calculating the base salary severance benefits based on the coverage applicable to such employee immediately prior to termination, and (ii) outplacement services commensurate with such employee's job level.

Stockholder Litigation. Pharmion and Celgene will cooperate with each other in the defense and settlement of any litigation against Pharmion and/or its directors relating to the transactions contemplated by the merger agreement, but no settlement shall be agreed to without the prior written consent of Celgene and Pharmion, which consent shall not be withheld unreasonably.

Nasdaq Listing. Celgene will use its reasonable best efforts to cause the shares of Celgene common stock to be issued in connection with the merger to be approved for listing on The Nasdaq Global Select Market, subject to official notice of issuance.

Tax Matters. Pharmion, Celgene and Merger Sub intend that the merger qualify as a reorganization within the meaning of Section 368(a) of the Code and will not knowingly take any action or fail to take any action which action or failure to act would cause the merger to fail to qualify as a reorganization within the meaning of Section 368(a) of

the Code and the treasury regulations promulgated thereunder.

Conditions to the Merger

The respective obligations of Pharmion, Celgene and Merger Sub to complete the merger are subject to the satisfaction of certain conditions.

Table of Contents

Conditions to Each Party's Obligation to Effect the Merger. The obligations of Pharmion, Celgene and Merger Sub to complete the merger are conditioned on the following conditions being fulfilled (or waived by the parties):

the approval and adoption of the merger agreement and approval of the merger by Pharmion stockholders;

the expiration or early termination of the waiting period applicable to the consummation of the merger under the HSR Act and the receipt of any required approval or expiration of applicable waiting period under the antitrust laws of any applicable foreign jurisdictions the failure of which to be obtained or to have expired, individually or in the aggregate, would have a material adverse effect on Celgene;

the absence of any statute, law, rule, ordinance, regulation, code, order, judgment, injunction, writ, decree or any other order of any court or other governmental authority of competent jurisdiction permanently enjoining or otherwise prohibiting the consummation of the merger or the transactions contemplated by the merger agreement;

the registration statement on Form S-4, of which this proxy statement/prospectus forms a part, not being subject to a stop order and with no proceeding initiated or threatened by the SEC for that purpose;

all consents, approvals and authorizations of governmental entities arising as a result of the enactment or promulgation or, or a change in, any law occurring after the date of the merger agreement required to consummate the merger (the failure of which to obtain would have a material adverse effect on the combined company) having been obtained; and

the shares of Celgene common stock to be issued pursuant to the merger and the shares of Celgene common stock to be reserved for issuance upon the exercise of options to purchase common stock of Pharmion having been approved for listing on The Nasdaq Global Select Market.

Conditions to Obligations of Celgene and Merger Sub to Effect the Merger. The obligations of Celgene and Merger Sub to complete the merger are conditioned upon the following additional conditions being fulfilled (or waived by Celgene):

the representations and warranties of Pharmion contained in the merger agreement being true and correct (without giving effect to any limitation as to materiality or material adverse effect set forth therein) as of the date they were made and as of the closing date as if made as of the closing date (except to the extent expressly made as of an earlier date, in which case as of such date), except where the failure of such representations and warranties to be so true and correct (without giving effect to any limitation as to materiality or material adverse effect set forth therein) would not have, individually or in the aggregate, a material adverse effect, and Celgene having received a certificate of an executive officer of Pharmion to that effect;

Pharmion having performed or complied in all material respects with all material agreements and covenants in the merger agreement, and Celgene having received a certificate of an executive officer of Pharmion to that effect;

the absence of any material adverse effect on Pharmion's business, assets or financial condition since the date of the merger agreement, and Celgene having received a certificate of an executive officer of Pharmion to that effect;

Celgene having received an opinion of its outside legal counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code; provided, however, that if the merger is

restructured as a reverse merger, as described under THE MERGER Form of the Merger on page 57, in which Merger Sub will be merged with and into Pharmion with Pharmion surviving the merger as a wholly-owned subsidiary of Celgene, Celgene will be deemed to have waived this condition; and

holders of no more than 25% of the shares of Pharmion common stock outstanding immediately prior to the effective time having exercised their appraisal rights in the merger in accordance with the DGCL.

Table of Contents

Conditions to Obligation of Pharmion to Effect the Merger. The obligation of Pharmion to complete the merger is conditioned on the following additional conditions being fulfilled (or waived by Pharmion):

the representations and warranties of Celgene and Merger Sub contained in the merger agreement being true and correct (without giving effect to any limitation as to materiality or material adverse effect set forth therein) as of the date they were made and as of the closing date as if made as of the closing date (except to the extent expressly made as of an earlier date, in which case as of such date), except where the failure of such representations and warranties to be so true and correct (without giving effect to any limitation as to materiality or material adverse effect set forth therein) would not have, individually or in the aggregate, a material adverse effect, and Pharmion having received a certificate of an executive officer of Celgene to that effect;

Celgene having performed or complied in all material respects with all material agreements and covenants in the merger agreement, and Pharmion having received a certificate of an executive officer of Celgene to that effect;

the absence of any material adverse effect on Celgene's business, assets or financial condition since the date of the merger agreement, and Pharmion having received a certificate of an executive officer of Celgene to that effect; and

Pharmion having received an opinion of its outside legal counsel that the merger will be treated as a reorganization within the meaning of Section 368(a) of the Code; provided, however, that if the merger is restructured as a reverse merger, as described under THE MERGER Form of the Merger on page 57, in which Merger Sub will be merged with and into Pharmion with Pharmion surviving the merger as a wholly-owned subsidiary of Celgene, Pharmion will be deemed to have waived this condition.

Termination

The merger agreement may be terminated and the merger may be abandoned at any time prior to the completion of the merger:

by mutual written consent of Celgene and of Pharmion, by action of their respective boards of directors;

by either Celgene or Pharmion, if the effective time of the merger does not occur before September 30, 2008, which is referred to as the outside date, unless the primary cause of the failure of the effective time of the merger to occur before the outside date is the failure of the party seeking to terminate the merger agreement to perform any of its obligations under the merger agreement;

by either Celgene or Pharmion, if any court or governmental entity of competent jurisdiction has enacted, issued, promulgated, enforced or entered any statute, law, ordinance, rule, regulation, judgment, decree, injunction or other order that is in effect and permanently enjoins or otherwise prohibits the consummation of the merger and the transactions contemplated by the merger agreement; or

by either Celgene or Pharmion, if the approval by the stockholders of Pharmion required for the consummation of the merger has not been obtained at the Pharmion stockholders meeting (or any adjournment or postponement thereof).

Additionally, Pharmion may terminate the merger agreement if:

Celgene breaches a representation, warranty, covenant or agreement such that the conditions to the obligation of Pharmion to effect the merger, as described above, will not be satisfied and the breach has not been or cannot be cured within 30 days following notice of such breach and intent to terminate the merger agreement (however, Pharmion does not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement);

facts exist which render impossible one or more of the mutual closing conditions, or one or more of the conditions to the obligation of Pharmion to effect the merger, by the outside date (however, Pharmion does

Table of Contents

not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement); or

the board of directors of Pharmion determines that a third party proposal relating to a merger, reorganization, recapitalization, tender offer, business combination or other similar transaction involving Pharmion or any acquisition proposal, constitutes a superior proposal. However, prior to such termination, Pharmion must negotiate with Celgene in good faith for three business days to make such modifications to the merger agreement so that the third party proposal will no longer be a superior proposal and upon termination Pharmion must pay the required termination fee to Celgene.

Additionally, Celgene may terminate the merger agreement if:

Pharmion breaches a representation, warranty, covenant or agreement such that the conditions to the obligation of Celgene to effect the merger, as described above, will not be satisfied and the breach has not been or cannot be cured within 30 days following notice of such breach and intent to terminate the merger agreement (however, Celgene does not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement);

facts exist which render impossible one or more of the mutual closing conditions, or one or more of the conditions to the obligation of Celgene to effect the merger, by the outside date (however, Celgene does not have the right to terminate the merger agreement under this provision if it is then in material breach of any of its representations, warranties, covenants or agreements contained in the merger agreement);

prior to the special meeting of Pharmion stockholders, the board of directors of Pharmion, in the case of a superior proposal, withholds, withdraws, qualifies or modifies its approval or recommendation of the merger agreement or the merger, or approves, adopts, recommends or otherwise declares advisable any such superior proposal not solicited, initiated or encouraged in breach of the merger agreement, fails to transmit to Pharmion stockholders a recommended rejection of any tender offer or exchange offer for 30% or more of the outstanding shares of Pharmion common stock by a person who is not an affiliate of Celgene, or if Pharmion fails, within five days of a request by Celgene, to reconfirm its recommendation in favor of the merger agreement and merger (or the board of directors of Pharmion resolves, or publicly announces its intention, to do any of the foregoing);

the board of directors of Pharmion approves, resolves to recommend, or publicly recommends, or Pharmion enters into a binding acquisition agreement with respect to, any acquisition proposal (or the board of directors of Pharmion resolves, or publicly announces its intention, to do any of the foregoing); or

Pharmion breaches its obligations under the merger agreement not to solicit third-party acquisition proposals as described under Covenants and Agreements No Solicitation (or the board of directors of Pharmion resolves, or publicly announces its intention, to do so).

Effect of Termination

If the merger agreement is terminated as described in Termination above, the merger agreement will be void, and there will be no liability or obligation of Celgene, Merger Sub or Pharmion or their respective officers and directors except as to certain miscellaneous provisions as set forth in the merger agreement and fees and expenses, including the termination fees and other fees described in the following section. However, termination of the merger agreement does not relieve any party from any liability resulting from (i) the failure of Celgene or Merger Sub to effect the merger and

pay the merger consideration upon the satisfaction or waiver of the conditions to the merger or (ii) any willful breach of the merger agreement.

Table of Contents

Termination Fees

Pharmion Termination Fee

Pharmion will promptly (but in no event later than five business days after the date of termination of the merger agreement) pay Celgene a termination fee of \$70 million if Celgene terminates the merger agreement because:

prior to the Pharmion stockholders meeting, the board of directors of Pharmion, in the case of a superior proposal, withholds, withdraws, qualifies, or modifies its recommendation that the Pharmion stockholders adopt the merger agreement and approve the merger or approves, adopts, recommends or otherwise declares advisable any such superior proposal not solicited, initiated or encouraged in breach of the merger agreement, fails to transmit to Pharmion stockholders within ten business days of the commencement of any tender offer or exchange offer for 30% or more of the outstanding shares of Pharmion common stock by a person that is not an affiliate of Celgene a statement that Pharmion recommends the rejection of such tender or exchange offer, or fails to reconfirm its recommendation that the Pharmion stockholders adopt the merger agreement and approve the merger within five business days following a request to do so by Celgene, or

Pharmion enters into a binding acquisition agreement with respect to an acquisition proposal, or

the board of directors of Pharmion have approved or resolved to recommend, or publicly recommend, any acquisition proposal, or

Pharmion breaches its obligations under the merger agreement not to solicit third-party acquisition proposals as described under Covenants and Agreements No Solicitation, or

the board of Directors of Pharmion resolves to do any of the foregoing.

Pharmion will (concurrently with a termination of the merger agreement) pay Celgene a termination fee of \$70 million if:

Pharmion terminates the merger agreement in connection with a determination by the board of directors of Pharmion that an acquisition proposal constitutes a superior proposal, provided that prior to such termination, if requested by Celgene, Pharmion negotiated with Celgene in good faith for three business days with respect to proposed adjustments to the terms and conditions of the merger agreement, and the board of directors of Pharmion concluded in good faith, as of the effective date of the termination of the merger agreement, after taking into account any such proposed adjustments, that such acquisition proposal constituted a superior proposal.

Pharmion will (upon the earlier to occur of an entry into a binding agreement with respect to an acquisition proposal or the consummation of an acquisition proposal as described below) pay Celgene a termination fee of \$70 million if:

(i) Celgene terminates the merger agreement as a result of (1) a breach by Pharmion of any of its representations, warranties, covenants or agreements contained in the merger agreement which cannot be cured, within thirty days of such breach and would cause Pharmion not to be able to bring down its representations and warranties at the closing of the merger and Pharmion's breach was willful or (2) the existence of facts which render impossible one or more of the mutual closing conditions, or one or more of the conditions to the obligation of Celgene to effect the merger, by the outside date, or (ii) either party terminates the agreement because (a) the Pharmion stockholders do not approve the merger, or (b) the merger has not been

consummated by the outside date; and

at the time of termination there had been publicly announced an acquisition proposal relating to a merger, reorganization, recapitalization, tender offer, business combination or other similar transaction involving Pharmion or any proposal to purchase or acquire 50% or more of the consolidated assets or revenues of Pharmion and its subsidiaries or 50% or more of any class of equity securities of the Pharmion or any of its subsidiaries or any resulting parent company of Pharmion; and

Table of Contents

within 12 months following the date of the termination of the merger agreement, Pharmion enters into a binding agreement with respect to, or consummates, any such acquisition proposal.

Celgene Termination Fee

Celgene will (concurrently with a termination of the merger agreement) pay to Pharmion a termination fee of \$70 million if:

either party terminates the merger agreement because any court or governmental entity of competent jurisdiction has enacted, issued, promulgated, enforced or entered any statute, law, ordinance, rule, regulation, judgment, decree, injunction or other order that is in effect and permanently enjoins or otherwise prohibits the consummation of the merger and such restraint relates to antitrust or competition matters, or

either party terminates the merger agreement because the merger was not consummated by the outside date and at the time of the termination the waiting periods under the HSR Act or the antitrust laws of any applicable foreign jurisdiction to the consummation of the merger have not expired or been terminated or required approvals the antitrust laws of any applicable foreign jurisdiction have not been obtained (to the extent that the failure to be obtained or expire would have a material adverse effect on Celgene), but (i) no governmental entity of competent jurisdiction has enacted, issued, promulgated, enforced or entered any statute, law, ordinance, rule, regulation, judgment, decree, injunction or other order that is in effect and permanently enjoins or otherwise prohibits the consummation of the merger (except as it relates to antitrust or competition matters), (ii) no other consent or approval resulting from the enactment, promulgation of or change in law occurring subsequent to the date of the merger agreement is required to be obtained (to the extent that the failure to obtain would have a material adverse effect on the surviving company), except as relates to antitrust or competition matters, and (iii) the other conditions specific to the obligations of Celgene and Merger Sub to effect the merger (other than the receipt of the tax opinion of Proskauer Rose LLP) have been satisfied.

Amendment and Waiver

Amendment. Prior to the consummation of the merger, the merger agreement may be amended in writing by the mutual agreement of the parties. Following the approval of the merger by Pharmion stockholders, however, no amendment may be made which by law or the rules of The Nasdaq Stock Market requires further approval of Pharmion stockholders, without such further approval.

Waiver. At any time prior to the effective time of the merger, Celgene and Pharmion may, to the extent legally allowed:

extend the time of performance of any of the obligations or other acts of the other party to the merger agreement;

waive any inaccuracies in the representations and warranties of the other party contained in the merger agreement or in any document delivered pursuant to the merger agreement; and

waive compliance by the other party with any of the agreements or conditions contained in the merger agreement.

Following the approval and adoption of the merger agreement and approval of the merger by Pharmion stockholders, however, no extension or waiver of the merger agreement may be made, which by law or in accordance with the rules

of The Nasdaq Stock Market, requires further approval of Pharmion stockholders, without such further approval.

Any extension or waiver will be valid only if set forth in writing and signed by the party granting the waiver, but such extension or waiver or failure to insist on strict compliance with an obligation, covenant, agreement or condition will not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.

Table of Contents**COMPARATIVE RIGHTS OF CELGENE AND PHARMION STOCKHOLDERS**

Celgene and Pharmion are both incorporated under the laws of the State of Delaware. If the merger is consummated, Pharmion stockholders, whose rights are currently governed by the DGCL, the certificate of incorporation of Pharmion and the by-laws of Pharmion will become stockholders of Celgene, and their rights as such will be governed by the DGCL, the certificate of incorporation of Celgene and the by-laws of Celgene. The material differences between the rights of holders of Pharmion common stock and the rights of holders of Celgene common stock, resulting from the differences in their respective certificates of incorporation and bylaws, are summarized below.

The following summary does not purport to be a complete statement of the rights of holders of Celgene common stock or Pharmion common stock under applicable Delaware law or the respective certificates of incorporation and the by-laws of Celgene and Pharmion or a complete description of the specific provisions referred to herein. This summary contains a list of the material differences but is not meant to be relied upon as an exhaustive list or a detailed description of the provisions discussed and is qualified in its entirety by reference to the DGCL and the respective certificates of incorporation and by-laws of Celgene and Pharmion. We urge you to read those documents carefully in their entirety. Copies of the certificates of incorporation and by-laws of Celgene and Pharmion are available, without charge, to any person, including any beneficial owner to whom this proxy statement/prospectus is delivered, by following the instructions listed under **Where You Can Find More Information** on page 100.

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Capitalization:	Celgene's certificate of incorporation authorizes Celgene to issue 575,000,000 shares of Celgene common stock and 5,000,000 shares of Celgene preferred stock. Celgene's board of directors has the authority, without stockholder approval, to issue shares of authorized preferred stock from time to time in one or more series and to fix the designations, powers, preferences and rights and the qualifications, limitations and restrictions of each series of preferred stock, which rights and preferences may be superior to those of Celgene common stock.	Pharmion's certificate of incorporation authorizes Pharmion to issue 100,000,000 shares of Pharmion common stock and 10,000,000 shares of Pharmion preferred stock. The board of directors of Pharmion has the authority, without stockholder approval, to issue shares of authorized preferred stock from time to time in one or more series and to fix the designations, powers, preferences and rights and the qualifications, limitations and restrictions of each series of preferred stock, which rights and preferences may be superior to those of Pharmion common stock.
Outstanding Shares:	As of , 2008, there were shares of Celgene common stock and no shares of Celgene preferred stock were outstanding. Celgene common stock is traded on the Nasdaq Global Select Market under the symbol	As of , 2008, there were shares of Pharmion common stock and no shares of Pharmion preferred stock were outstanding. Pharmion common stock is traded on the Nasdaq Global Market under the symbol PHRM.

Treatment of Shares upon Merger:	CELG. Celgene's outstanding common stock will not be affected by the consummation of the merger.	Celgene will acquire Pharmion pursuant to a merger of Pharmion with a wholly-owned subsidiary of Celgene. Pharmion's outstanding common stock will be converted into the right to receive the merger consideration.

Table of Contents

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Voting Rights:	Celgene common stock is entitled to one vote for each share and votes together as a single class. Celgene's certificate of incorporation does not provide for cumulative voting for the election of directors.	Pharmion common stock is entitled to one vote for each share and votes together as a single class. Pharmion's certificate of incorporation provides that stockholders are not entitled to cumulative voting for the election of directors.
Conversion Rights:	Shares of Celgene common stock are not subject to any conversion rights.	Shares of Pharmion common stock are not subject to any conversion rights.
Number of Directors:	Pursuant to Celgene's certificate of incorporation and by-laws the number of members of Celgene's board of directors shall not be fewer than three nor more than 15 persons, the exact number to be fixed from time to time within such range by resolutions duly adopted by a majority of then authorized members of Celgene's board of directors. Celgene's board of directors currently has nine members.	Pursuant to Pharmion's certificate of incorporation and by-laws, the number of members of the board of directors of Pharmion shall be no less than one, the exact number to be fixed from time to time by resolutions duly adopted by a majority of then authorized members of Pharmion's board of directors. Pharmion's board of directors currently has eight members.
Removal of Directors:	Any director or the entire board of directors may be removed from office with or without cause, by affirmative vote of the holders of a majority of the outstanding shares then entitled to vote at an election of directors.	Any director may be removed from office only for cause, by affirmative vote of the holders of a majority of the outstanding shares then entitled to vote at an election of directors. Directors may not be removed without cause.
Classification of Board of Directors:	Celgene's certificate of incorporation and by-laws provide for the election of the directors at the annual meeting of stockholders, with each director serving until the next succeeding annual meeting of stockholders.	Pharmion's certificate of incorporation and by-laws provide for a staggered board of directors. The board of directors is divided into three classes, with the directors in each class serving a three-year term. Currently, the class I directors will serve until the 2010 annual meeting, the class II directors will serve until the 2008 annual meeting, and the class III directors will serve until the 2009 annual meeting.

Table of Contents

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Filling Vacancies on the Board of Directors:	Any vacancies on the board of directors, however resulting, and newly created directorships resulting from any increase in the number of directors, may be filled by the affirmative vote of a majority of the directors then in office.	Any vacancies on the board of directors shall be filled by the affirmative vote of a majority of the remaining directors then in office. Vacancies resulting from the removal of a director by the stockholders shall be filled only by affirmative vote of the holders of at least a majority of the outstanding shares then entitled to vote at an election of directors. Any director elected in accordance with these procedures shall hold office for the remainder of the full term of the class of directors in which the vacancy occurred, or if it is a newly created directorship, such director shall receive the classification that at least a majority of the board of directors designated hold and shall hold office until the first annual meeting of stockholders held after his appointment.
Amendments to Charter:	The DGCL requires that any amendment to Celgene's certificate of incorporation must be approved by the board of directors and that a resolution be adopted recommending that the amendment be approved by a majority of the outstanding stock entitled to vote on the amendment, plus the amendment must be approved by a majority of the outstanding stock of any class entitled under the DGCL to vote separately as a class on the amendment.	The DGCL requires that any amendment to Pharmion's certificate of incorporation must be approved by the board of directors and that a resolution be adopted recommending that the amendment be approved by a majority of the outstanding stock entitled to vote on the amendment, plus the amendment must be approved by a majority of the outstanding stock of any class entitled under the DGCL to vote separately as a class on the amendment. In addition to the foregoing, Pharmion's certificate of incorporation requires the approval by at least 80% of the voting power of all the outstanding shares of voting capital stock to alter, amend or repeal certain articles in Pharmion's certificate of

Table of Contents

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Amendments to By-laws:	Pursuant to Celgene's certificate of incorporation and by-laws, the by-laws of Celgene may be amended or repealed, and new by-laws adopted, by the majority vote of the board of directors or the affirmative vote of the holders of a majority of the outstanding stock entitled to vote thereon. Any by-law adopted by the board of directors may be amended or repealed by a vote of the holders of 66 2/3% of the shares entitled at the time to vote for the election of directors. In addition, Celgene's by-laws require the vote of at least 66 2/3% of the shares entitled at the time to vote for the election of directors to adopt, amend or repeal certain articles in the amended and restated by-laws.	Pharmion's certificate of incorporation authorizes the board of directors to make, alter or repeal the by-laws of Pharmion. Pharmion's by-laws authorize (i) the board of directors to alter, amend or repeal by-laws at any regular meeting of the board of directors or at any special meeting of the board of directors if notice of such alteration, amendment, repeal or adoption of new by-laws is contained in the notice of such special meeting and (ii) the stockholders to alter, amend or repeal by-laws at any annual meeting of the stockholders or at any special meeting of the stockholders if notice of such alteration, amendment, repeal or adoption of new by-laws is contained in the notice of such special meeting.
Special Meetings of the Board of Directors:	A special meeting of the board of directors of Celgene may be called by the Executive Chairman of the Board, the Chief Executive Officer, the President or a majority of the directors then in office.	A special meeting of the board of directors of Pharmion may be called by the Chairman of the Board, any two members of the board of directors or by the President.
Special Stockholders Meetings:	A special meeting of Celgene's stockholders may be called by the Executive Chairman of the Board, the Chief Executive Officer, the President, the Secretary or a majority of the directors then in office. Stockholders are not permitted to call special meetings.	A special meeting of Pharmion stockholders may be called by the Chairman of the Board, the Chief Executive Officer or a majority of the directors then in office. Stockholders are not permitted to call special meetings.
Action by Consent of Stockholders:	Under the DGCL, unless a company's certificate of incorporation specifies otherwise, stockholders may execute an action by written consent in lieu of any annual or special stockholder meeting. Celgene's certificate of incorporation does not prohibit stockholder actions by written	Under the DGCL, unless a company's certificate of incorporation specifies otherwise, stockholders may execute an action by written consent in lieu of any annual or special stockholder meeting. Pharmion's certificate of incorporation prohibits stockholder actions by written consent.

consent.

Table of Contents

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Limitation of Personal Liability of Directors:	Celgene's certificate of incorporation provides that no director shall be personally liable to Celgene or its stockholders for monetary damages for breach of his fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to Celgene or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL (unlawful payment of dividend or unlawful stock purchase or redemption), or (iv) for any transaction from which the director derived any improper personal benefit.	Pharmion's certificate of incorporation provides that, to the fullest extent permitted by the DGCL, no director of Pharmion shall be personally liable to Pharmion or its stockholders for monetary damages for breach of his fiduciary duty as a director.
Indemnification of Directors and Officers:	Celgene's certificate of incorporation provides that Celgene shall indemnify, to the fullest extent permitted by law, any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that such person is or was a director, officer, incorporator, employee or agent of Celgene, or is or was serving as a director, officer, incorporator, employee or agent of another entity at the request of Celgene.	Pharmion's certificate of incorporation and fourth amended and restated by-laws provide that Pharmion shall indemnify, to the fullest extent permitted under and in accordance with the DGCL, any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that such person is or was a director or officer of Pharmion or any predecessor of Pharmion or serves or served at any other enterprise as a director or officer at the request of Pharmion.
Relevant Restrictions on the Transfer of Shares of Capital Stock:	Celgene's certificate of incorporation and by-laws do not provide for restrictions on transfers of shares of capital stock in addition to those provided by applicable law.	Pharmion's certificate of incorporation and by-laws do not provide for restrictions on transfers of shares of capital stock in addition to those provided by applicable law.

Table of Contents

	Rights of Holders of Celgene Common Stock	Rights of Holders of Pharmion Common Stock
Relevant Business Combination Provisions and Statutes:	The DGCL provides that if a person acquires 15% or more of the stock of a Delaware corporation, such person may not engage in transactions with the corporation for a period of three years. The statute contains exceptions to this prohibition. The prohibition on business combinations is not applicable if, for example, the board of directors approves the acquisition of stock or the transaction prior to the time that the person becomes an interested stockholder, or if the interested stockholder acquires at least 85% of the voting stock of the corporation (excluding voting stock owned by directors who are also officers and employee stock plans) in one transaction, or if the transaction is approved by the board of directors and two-thirds of the holders of the outstanding voting stock which is not owned by the interested stockholder at a meeting of the stockholders. Celgene's certificate of incorporation does not provide any additional limitations or restrictions about business combinations with an interested stockholder.	The DGCL provides that if a person acquires 15% or more of the stock of a Delaware corporation, such person may not engage in transactions with the corporation for a period of three years. The statute contains exceptions to this prohibition. The prohibition on business combinations is not applicable if, for example, the board of directors approves the acquisition of stock or the transaction prior to the time that the person becomes an interested stockholder, or if the interested stockholder acquires at least 85% of the voting stock of the corporation (excluding voting stock owned by directors who are also officers and employee stock plans) in one transaction, or if the transaction is approved by the board of directors and two-thirds of the holders of the outstanding voting stock which is not owned by the interested stockholder at a meeting of the stockholders. Pharmion's certificate of incorporation does not provide any additional limitations or restrictions about business combinations with an interested stockholder.

Table of Contents

DESCRIPTION OF CELGENE S CAPITAL STOCK

Below is a summary of the principal terms and provisions of Celgene s outstanding capital stock. The summary is not complete. You should read Celgene s certificate of incorporation and by-laws for additional information before voting on the merger agreement. Celgene s certificate of incorporation and by-laws have been filed in their entirety with the SEC. See Where You Can Find More Information.

Celgene s authorized capital stock consists of:

575,000,000 shares of common stock, par value \$.01 per share; and

5,000,000 shares of preferred stock, par value \$.01 per share, of which 520 shares have been designated Series A convertible preferred stock and 20,000 shares have been designated as Series B convertible preferred stock.

As of January 17, 2008, there were 403,304,540 shares of common stock outstanding, no shares of preferred stock were outstanding.

Common Stock

Holders of Celgene common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Holders of Celgene common stock are entitled to receive ratably such dividends, if any, as may be declared by Celgene s board of directors out of funds legally available therefor, and subject to any preferential dividend rights of any then-outstanding preferred stock. Upon Celgene s liquidation, dissolution or winding up, the holders of Celgene common stock are entitled to receive ratably Celgene s net assets available after the payment of all debts and other liabilities and subject to any liquidation preference of any then outstanding preferred stock. Holders of Celgene common stock have no preemptive, subscription or conversion rights. There are no redemption or sinking fund provisions applicable to the Celgene common stock. The outstanding shares of Celgene common stock are, and the shares to be issued pursuant to connection with the merger will be, fully paid and non-assessable.

Shares of Celgene common stock are listed on the Nasdaq Global Select Market under the symbol CELG.

Preferred Stock

Celgene s board of directors has the authority, subject to certain restrictions, without further stockholder approval, to issue, at any time and from time to time, shares of preferred stock in one or more series. Each such series shall have such number of shares, designations, preferences, voting powers, qualifications and special or relative rights or privileges as shall be determined by Celgene s board of directors, which may include, among others, dividend rights, voting rights, redemption and sinking fund provisions, liquidation preferences, conversion rights and preemptive rights, to the full extent now or hereafter permitted by the laws of the State of Delaware.

The rights of the holders of Celgene common stock will be subject to, and may be adversely affected by, the rights of holders of any Celgene preferred stock that may be issued in the future. Such rights may include voting and conversion rights which could adversely affect the holders of Celgene common stock. Satisfaction of any dividend or liquidation preferences of outstanding Celgene preferred stock would reduce the amount of funds available, if any, for the payment of dividends or liquidation amounts on Celgene common stock. Holders of Celgene preferred stock would typically be entitled to receive a preference payment.

Rights Agreement

Celgene's board of directors adopted a rights agreement on September 26, 1996, the final expiration of which was extended to February 17, 2010 pursuant to an amendment on February 17, 2000. The rights agreement was adopted to give Celgene's board of directors increased power to negotiate in Celgene's best interests and to discourage appropriation of control of Celgene at a price that is unfair to Celgene's stockholders. It is not intended to prevent fair offers for acquisition of control determined by Celgene's board of directors to be in the best interests of Celgene and Celgene's stockholders, nor is it intended to prevent a person or group from obtaining representation on or control of Celgene's board of directors through a proxy contest, or to relieve Celgene's board of directors of its fiduciary duty to consider any proposal for Celgene's acquisition made in good faith.

Table of Contents

The rights agreement involves the distribution of one right as a dividend on each outstanding share of Celgene common stock to all holders of record on September 26, 1996, and an ongoing distribution of one right with respect to each share of Celgene common stock issued subsequently. Each right entitles the holder to purchase one-tenth of a share of Celgene common stock. The rights trade in tandem with Celgene common stock until, and become exercisable upon, the occurrence of certain triggering events, and the exercise price is based on the estimated long-term value of Celgene common stock. The exercise of these rights becomes economically attractive upon the triggering of certain flip-in or flip-over rights, which work in conjunction with the rights agreement's basic provisions. The flip-in rights will permit their holders to purchase shares of Celgene common stock at a discounted rate, resulting in substantial dilution of an acquirer's voting and economic interests in Celgene. The flip-over element of the rights agreement involves some mergers or significant asset purchases, which trigger certain rights to purchase shares of the acquiring or surviving company at a discount. The rights agreement contains a permitted offer exception, which allows offers determined by Celgene's board of directors to be in Celgene's and Celgene's stockholders' best interests to take place free of the diluting effects of the rights agreement's mechanisms.

Celgene's board of directors retains the right, at all times prior to acquisition of 15% or more of Celgene's voting common stock by an acquirer, to discontinue the rights agreement through the redemption of all rights, or to amend the rights agreement in any respect. In February, 2000, Celgene amended the rights agreement to increase the initial exercise price thereunder from \$100 to \$700. In August 2003, Celgene amended the rights agreement to provide that a qualified institutional investor (as defined in the amendment) will not trigger any rights under the plan until it beneficially owns at least 17% of the shares of outstanding Celgene common stock, rather than 15%.

Delaware Law and By-Law Provisions

Celgene's board of directors has adopted certain amendments to Celgene's by-laws intended to strengthen Celgene's board of directors' position in the event of a hostile takeover attempt. These by-law provisions have the following effects:

they provide that only persons who are nominated in accordance with the procedures set forth in the by-laws shall be eligible for election as directors;

they provide that only business brought before the annual meeting by Celgene's board of directors or by a stockholder who complies with the procedures set forth in the by-laws may be transacted at an annual meeting of stockholders;

they provide that only the chairman of the board, if any, the chief executive officer, the president, the secretary or a majority of Celgene's board of directors may call special meetings of Celgene's stockholders;

they establish a procedure for Celgene's board of directors to fix the record date whenever stockholder action by written consent is undertaken; and

they require a vote of holders of two-thirds of the outstanding shares of Celgene common stock to amend certain by-law provisions.

Furthermore, Celgene is subject to the provisions of Section 203 of the DGCL. In general, the statute prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder for a period of three years after the time of the transaction in which the person became an interested stockholder, subject to certain exceptions. For purposes of Section 203, a business combination includes a merger, asset sale or other transaction resulting in a financial benefit to the interested stockholder, and an interested stockholder is a person who, together with affiliates and associates, owns, or is an affiliate or associate of the corporation and within the prior three

years, did own, 15% or more of the corporation's voting stock.

Recommendation of the Board of Directors of Pharmion

THE BOARD OF DIRECTORS OF PHARMION UNANIMOUSLY RECOMMENDS THAT PHARMION STOCKHOLDERS VOTE FOR PROPOSAL NO. 1 TO ADOPT AND APPROVE THE MERGER AGREEMENT AND APPROVE THE MERGER.

Table of Contents

PHARMION PROPOSAL NO. 2 APPROVAL OF POSSIBLE ADJOURNMENT OF THE SPECIAL MEETING OF PHARMION STOCKHOLDERS

If there are not sufficient votes at the time of the special meeting to approve Proposal No. 1 or if there are insufficient shares of Pharmion common stock present in person or represented by proxy at the special meeting to constitute a quorum necessary to conduct the business of the special meeting, Pharmion may propose to adjourn the special meeting. Pharmion currently does not intend to propose adjournment at the special meeting if there are sufficient votes to approve Proposal No. 1. If the proposal to adjourn the special meeting of Pharmion stockholders is submitted to stockholders for approval, such approval requires the affirmative vote of the holders of a majority of the votes cast in person or by proxy at the special meeting of Pharmion stockholders.

THE BOARD OF DIRECTORS OF PHARMION UNANIMOUSLY RECOMMENDS THAT PHARMION STOCKHOLDERS VOTE FOR PROPOSAL NO. 2 TO APPROVE THE POSSIBLE ADJOURNMENT OF THE SPECIAL MEETING OF PHARMION STOCKHOLDERS.

Table of Contents

UNAUDITED PRO FORMA CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

The unaudited pro forma condensed consolidated financial statements presented below are based on, and should be read together with, the historical information that Celgene and Pharmion have presented in their respective filings with the SEC. See "Where You Can Find More Information" on page 100. The unaudited pro forma condensed consolidated balance sheet as of September 30, 2007 gives effect to the proposed merger as if it had occurred on September 30, 2007, and combines the historical balance sheets of Celgene and Pharmion as of September 30, 2007. The unaudited pro forma condensed consolidated statements of operations for the year ended December 31, 2006 and for the nine months ended September 30, 2007 are presented as if the proposed merger had occurred on January 1, 2006, and combines the historical results of Pharmion and Celgene for the year ended December 31, 2006 and for the nine months ended September 30, 2007. The historical financial information is adjusted to give effect to pro forma events that (i) are directly attributable to the merger, (ii) are factually supportable and (iii) with respect to the statements of operations, are expected to have a continuing impact on combined results.

The pro forma adjustments related to the merger are based on a preliminary purchase price allocation whereby the cost to acquire Pharmion was allocated to the assets acquired and the liabilities assumed, based upon their estimated fair values. Actual adjustments will be based on the final purchase price and analyses of fair values of identifiable tangible and intangible assets, in-process research and development, deferred tax assets and liabilities, and estimates of the useful lives of tangible and amortizable intangible assets, which will be completed after Celgene completes its valuation and assessment process using all available data. The final purchase price allocation will be performed using estimated fair values as of the date of the completion of the merger. Differences between the preliminary and final purchase price allocations could have a material impact on the accompanying unaudited pro forma condensed consolidated financial statements and Celgene's future results of operations and financial position.

The unaudited pro forma condensed consolidated financial statements do not reflect the realization of potential cost savings, or any related restructuring or integration costs. Although Celgene believes that certain cost savings may result from the merger, there can be no assurance that these cost savings will be achieved.

The unaudited pro forma condensed consolidated financial statements are presented for illustrative purposes only and are not necessarily indicative of the consolidated financial position or results of operations in future periods or the results that actually would have been realized if the proposed merger had been completed as of the dates indicated.

Table of Contents**UNAUDITED PRO FORMA CONDENSED CONSOLIDATED****BALANCE SHEET**
As of September 30, 2007

	Celgene	Pharmion	Pro Forma Adjustments	See Note 4	Pro Forma Consolidated
	(In thousands, except per share data)				
ASSETS					
Current assets:					
Cash and cash equivalents	\$ 1,040,735	\$ 135,047	\$ (996,510)	(a)	\$ 179,272
Marketable securities available for sale	1,488,970	122,585	(89,493)	(b)	1,522,062
Accounts receivable, net of allowances	146,416	45,407	(2,602)	(e)	189,221
Inventory	56,198	12,986	25,000	(c)	94,184
Deferred income taxes	65,731		(338)	(g)	65,393
Other current assets	97,885	13,968	(173)	(e)	111,680
Total current assets	2,895,935	329,993	(1,064,116)		2,161,812
Property, plant and equipment, net	175,589	10,979			186,568
Investment in affiliated companies	15,089				15,089
Intangible assets and product rights, net	97,469	89,145	417,618	(d)	604,232
Goodwill	40,098	15,568	763,525	(f)	819,191
Other assets	149,005	5,825	(2,907)	(g)	151,923
Total assets	\$ 3,373,185	\$ 451,510	\$ 114,120		\$ 3,938,815
LIABILITIES AND STOCKHOLDERS EQUITY					
Current liabilities:					
Accounts payable	\$ 24,691	\$ 10,075	\$		\$ 34,766
Accrued expenses and other current liabilities	180,187	55,323	(4,015)	(e)	231,495
Income taxes payable	893	2,140			3,033
Convertible notes	399,731				399,731
Current portion of deferred revenue	7,792		(6,679)	(e)	1,113
Total current liabilities	613,294	67,538	(10,694)		670,138
Deferred revenue, net of current portion	62,583		(60,558)	(e)	2,025
Other non-current taxes	158,171	2,955	198,783	(g)	359,909
Other non-current liabilities	59,811	984			60,795

Edgar Filing: CELGENE CORP /DE/ - Form S-4

Total liabilities	893,859	71,477	127,531		1,092,867
Stockholders' Equity:					
Common stock	3,898	37	282	(h)	4,217
Common stock in treasury, at cost	(149,519)				(149,519)
Additional paid-in capital	2,519,085	627,492	1,203,679	(i)	4,350,256
Retained earnings (deficit)	49,339	(263,223)	(1,160,770)	(j)	(1,374,654)
Accumulated other comprehensive income	56,523	15,727	(56,602)	(k)	15,648