

MANNKIND CORP
Form 424B5
January 31, 2012
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The information in this preliminary prospectus supplement is not complete and may be changed. A registration statement relating to these securities has been declared effective by the Securities and Exchange Commission. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities, and we are not soliciting offers to buy these securities, in any state where the offer or sale is not permitted.

As filed pursuant to Rule 424(b)(5)
File No. 333-166404

Subject to Completion, Dated January 31, 2012

Preliminary Prospectus Supplement

To Prospectus dated May 11, 2010

\$50,000,000

Units Consisting of

One Share of Common Stock and

A Warrant to Purchase 0.6 of a Share of Common Stock

We are offering _____ units, with each unit consisting of one share of our common stock and a warrant to purchase 0.6 of a share of our common stock (and the _____ shares of our common stock issuable from time to time upon exercise of the offered warrants). The purchase price for each unit is \$ _____. Each warrant will have an exercise price of \$ _____ per share, will be exercisable upon issuance and will expire four years from the date of issuance. The units will not be issued or certificated. The shares of common stock and the warrants are immediately separable and will be issued separately, but will be purchased together in this offering.

Our common stock is listed on The NASDAQ Global Market under the symbol MNKD. The last reported sale price of our common stock on The NASDAQ Global Market on January 30, 2011 was \$3.17 per share. We do not intend to list the warrants on The NASDAQ Global Market, any other national securities exchange or any other nationally recognized trading system.

Investing in our securities involves a high degree of risk. See Risk Factors beginning on page S-7 of this prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

	Per Unit	Total
Public offering price	\$	\$
Underwriting discounts and commissions	\$	\$
Proceeds to MannKind (before expenses)	\$	\$

The above summary of offering proceeds to us does not give effect to any exercise of the warrants being issued in this offering.

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Concurrently with this offering, we anticipate selling to The Mann Group LLC, an entity controlled by our chief executive officer and principal stockholder, restricted shares of our common stock in a separate private placement exempt from registration pursuant to Section 4(2) of the Securities Act of 1933, as amended, or the concurrent private placement. The restricted shares will be sold to The Mann Group at a price of \$ per share (the consolidated closing bid price for our common stock as reported by The NASDAQ Global Market on February , 2012) which is expected to be paid by cancelling outstanding principal under our \$350 million loan arrangement provided by The Mann Group . Any purchase by The Mann Group would be expected to close following the expiration or termination of the waiting period applicable to the concurrent private placement under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended, or the HSR Act. The concurrent private placement is not contingent upon the completion of this offering, and this offering is not contingent upon the completion of the concurrent private placement. See Concurrent Private Placement to The Mann Group.

Concurrently with this offering, we intend to conduct a private offering of up to \$161 million of Convertible Senior Secured Notes due 2019, or the 2019 notes, under Rule 144A of the Securities Act of 1933, as amended, or the concurrent convertible note transaction. See Concurrent Convertible Note Transaction.

Delivery of the shares of common stock and warrants is expected to be made on or about February , 2012. We have granted the underwriters an option for a period of 30 days to purchase up to an additional units solely to cover over-allotments, if any. If the underwriters exercise this option in full, the total underwriting discounts and commissions payable by us will be \$, and the total proceeds to us, before expenses, will be \$.

Joint Book-Running Managers

Jefferies

Piper Jaffray

Cowen and Company

February , 2012.

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You should rely only on the information contained in or incorporated by reference in this prospectus supplement, the accompanying prospectus and in any free writing prospectus that we have authorized for use in connection with this offering. We have not, and the underwriters have not, authorized anyone to provide you with different information. We are not, and the underwriters are not, making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and in any free writing prospectus that we have authorized for use in connection with this offering, is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. You should read this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and any free writing prospectus that we have authorized for use in connection with this offering, in their entirety before making an investment decision. You should also read and consider the information in the documents to which we have referred you in the sections of this prospectus supplement entitled **Where You Can Find More Information** and **Incorporation of Certain Information by Reference**.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is the prospectus supplement, which describes the specific terms of the units being offered by us, and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference. The second part, the accompanying prospectus, including the documents incorporated by reference therein, provides more general information, some of which may not apply to this offering of units. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement, on the one hand, and the information contained in the accompanying prospectus or in any document incorporated by reference that was filed with the Securities and Exchange Commission, or SEC, before the date of this prospectus supplement, on the other hand, you should rely on the information in this prospectus supplement. If any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, a document incorporated by reference in the accompanying prospectus—the statement in the document having the later date modifies or supersedes the earlier statement.

This prospectus supplement, the accompanying prospectus and the information incorporated herein and therein by reference include trademarks, servicemarks and tradenames owned by us or other companies. AFREZZA[®], MedTone[®] and Technosphere[®] are our registered trademarks in the United States. We have also applied for other trademark registrations and have registered company trademarks in other jurisdictions, including Europe and Japan. All trademarks, servicemarks and tradenames included or incorporated by reference in this prospectus supplement or the accompanying prospectus are the property of their respective owners.

Unless the context requires otherwise, references in this prospectus supplement and the accompanying prospectus to MannKind, the company, we, us and our refer to MannKind Corporation.

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PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information contained elsewhere or incorporated by reference in this prospectus supplement and the accompanying prospectus. This summary does not contain all the information you should consider before investing in our securities. You should read and consider carefully the more detailed information in this prospectus supplement and the accompanying prospectus, including the factors described under the heading "Risk Factors" in this prospectus supplement beginning on page S-7 and the financial and other information incorporated by reference in this prospectus supplement and the accompanying prospectus, as well as the information included in any free writing prospectus that we have authorized for use in connection with this offering, before making an investment decision.

Company Overview

We are a biopharmaceutical company focused on the discovery, development and commercialization of therapeutic products for diseases such as diabetes and cancer. Our lead product candidate, AFREZZA (insulin human [rDNA origin]) Inhalation Powder, is an ultra rapid-acting insulin that is in late-stage clinical investigation for the treatment of adults with type 1 or type 2 diabetes for the control of hyperglycemia.

Diabetes is a significant health concern. According to the Centers for Disease Control and Prevention, in the United States in 2011, approximately 25.8 million people had diabetes and if current trends continue, one in three adults in the United States are expected to have diabetes by 2050. The International Diabetes Federation has estimated that approximately 366 million people have diabetes today; by 2030 this is expected to have risen to approximately 552 million.

In March 2009, we submitted a new drug application, or NDA, for AFREZZA in which we sought approval of the product using our first-generation inhaler, known as MedTone. In March 2010, we received a Complete Response letter from the U.S. Food and Drug Administration, or FDA, that requested information and currently available clinical data to support the clinical utility of AFREZZA as well as information about the comparability of the commercial version of the MedTone inhaler to the earlier version of this device that was used in pivotal clinical trials. After meeting with the FDA in June 2010, we determined that the best way to address the agency's inhaler-related questions was to submit information regarding the bioequivalence of the MedTone inhaler and our next-generation inhaler, known as Dreamboat, which by that time had become our preferred device from a clinical and commercial perspective, given that it is smaller, easier to use and lower in cost than the MedTone inhaler. In June 2010, we submitted to the FDA the available bioequivalency data for the two devices along with additional evidence of efficacy of AFREZZA as part of our response to the 2010 Complete Response letter.

In January 2011, we received a second Complete Response letter in which the FDA requested that we conduct two clinical studies with the Dreamboat inhaler (one in patients with type 1 diabetes and one in patients with type 2 diabetes), with at least one trial including a treatment group using the MedTone inhaler in order to obtain a head-to-head comparison of the pulmonary safety data for the two devices. Over the next eight months, we participated in a number of written and verbal exchanges with the FDA in order to clarify the agency's requirements for approval of AFREZZA, culminating in an in-person meeting in August 2011 in which we confirmed with the FDA the designs of the two requested studies.

The study in patients with type 1 diabetes, known as study 171, is an open-label study in which all patients are first optimized on their basal insulin regimen before being randomized to one of three arms: a control arm, in which patients utilize an injected insulin analog at mealtimes, or one of two AFREZZA arms, one each for our MedTone device and our Dreamboat device. After the mealtime insulin is titrated, there will be a 12-week observation period on relatively stable doses of the mealtime insulin to assess A1c levels. The primary endpoint is to show non-inferiority of the change in A1c levels in the Dreamboat group compared to the injected insulin analog group. The inclusion of two AFREZZA arms will permit us to perform a head-to-head comparison of the

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pulmonary safety data for the two devices, which we anticipate will provide a bridge to the extensive safety data that we collected in our earlier clinical studies of the MedTone inhaler. The basic design of this study (comparing different mealtime insulins in combination with a basal insulin regimen) is similar in design to a previous Phase 3 study that we conducted in patients with type 1 diabetes using our MedTone inhaler.

The other requested study, known as study 175, is a placebo-controlled study in patients with type 2 diabetes who are inadequately controlled on metformin with or without a second or third oral medication. Patients are assigned to treatment with AFREZZA or placebo powder in a randomized fashion. There is a titration period followed by a 12-week observation period to assess A1c levels. The primary objective of this study is to show superiority of the AFREZZA group over the placebo group in lowering A1c levels. We have previously compared AFREZZA to placebo powder in successful Phase 2 studies involving patients with type 2 diabetes using the MedTone inhaler.

Both studies are currently enrolling subjects. If enrollment continues at current levels, we expect to complete both of these studies by or near the end of 2012. We then would expect to submit the results to the FDA as an amendment to our NDA during the first half of 2013. However, the data collected from these clinical trials may not reach statistical significance or otherwise be sufficient to support an amendment to our NDA, or FDA approval. Moreover, there can be no assurance that we will be able to satisfy all of the FDA's requirements with these two clinical studies or that the FDA will ultimately find our proposed approach to these clinical studies acceptable. The FDA could also request that we conduct additional clinical studies beyond the currently planned studies in order to provide sufficient data for approval of AFREZZA.

AFREZZA utilizes our proprietary Technosphere formulation technology, which is based on a class of organic molecules that are designed to self-assemble into small particles onto which drug molecules can be loaded. With AFREZZA, we load recombinant human insulin onto the Technosphere particles; however, this technology is not limited to insulin delivery. We believe it represents a versatile drug delivery platform that may allow pulmonary administration of certain drugs that currently require administration by injection. Beyond convenience, we believe the key advantage of drugs inhaled as Technosphere formulations is that they have been shown to be absorbed very rapidly into the arterial circulation, essentially mimicking intra-arterial administration. Currently, we are actively working with several parties to assess the feasibility of formulating different active ingredients on Technosphere particles.

In addition to our Technosphere platform, we have evaluated an investigational cancer immunotherapy product, MKC1106-MT, in a Phase 2 clinical trial. We have also conducted preclinical studies of a drug candidate, MKC204, that may have the potential to treat certain malignancies and inflammatory diseases. Due to resource constraints, we have halted most of our internal development activities in our non-AFREZZA programs.

We have held extensive discussions with a number of pharmaceutical companies concerning a potential strategic business collaboration for AFREZZA. To date we have not reached an agreement regarding a collaboration with any of these companies. Although we have stated an objective to complete a partnership by mid-2012, there can be no assurance that any such collaboration will be available to us on a timely basis or on acceptable terms, if at all.

Our Technosphere drug formulation technology, including AFREZZA, enjoys patent protection relating to the particles, their manufacture, and their use for pulmonary delivery of drugs. As of January 15, 2012, AFREZZA was protected by 312 issued patents, and we also had over 300 pending applications in the United States and selected jurisdictions around the world.

We are a development stage enterprise and have incurred significant losses since our inception in 1991. As of September 30, 2011, we have incurred a cumulative net loss of \$1.9 billion and an accumulated stockholders' deficit of \$280.8 million. To date, we have not generated any product revenues and have funded our operations primarily through the sale of equity securities, convertible debt securities and borrowings under our related party

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loan. If we are unable to obtain additional funding in the future, there will be substantial doubt about our ability to continue as a going concern. See Risk Factors *We will be required to raise additional capital to fund our operations, and our inability to do so could raise doubt about our ability to continue as a going concern.*

We do not expect to record sales of any product prior to regulatory approval and commercialization of AFREZZA. We currently do not have the required approvals to market any of our product candidates, and we may not receive such approvals. We may not be profitable even if we succeed in commercializing any of our product candidates. We expect to make substantial expenditures and to incur additional operating losses for at least the next several years as we:

continue the clinical development of AFREZZA and new inhalation systems for the treatment of diabetes;

seek regulatory approval to sell AFREZZA in the United States and other markets;

seek development and commercialization collaborations for AFREZZA; and

develop additional applications of our proprietary Technosphere formulation technology for the pulmonary delivery of other drugs. Our business is subject to significant risks, including but not limited to the risks inherent in our ongoing clinical trials and the regulatory approval process, our potential inability to enter into sales and marketing collaborations or to commercialize AFREZZA in a timely manner, the results of our research and development efforts, competition from other products and technologies and uncertainties associated with obtaining and enforcing patent rights.

Legal Proceedings

On December 13, 2011, we announced that we reached a final resolution of the arbitration proceedings initiated by John Ardit, our former Senior Director GCP Regulatory Affairs. In connection with the resolution of the matter, Mr. Ardit withdrew his wrongful discharge and related claims against us. In return, we withdrew our claims against Mr. Ardit. Neither party paid any monetary consideration to the other party in connection with the resolution of the arbitration proceedings.

Beginning January 31, 2011, several complaints were filed in the U.S. District Court for the Central District of California against us and four of our officers Alfred E. Mann, Hakan S. Edstrom, Dr. Peter C. Richardson and Matthew J. Pfeffer on behalf of certain purchasers of our common stock. The complaints include claims asserted under Sections 10(b) and 20(a) of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and have been brought as purported shareholder class actions. In general, the complaints allege that the defendants violated federal securities laws by making materially false and misleading statements regarding our business and prospects for AFREZZA, thereby artificially inflating the price of our common stock. The plaintiffs are seeking unspecified monetary damages and other relief. The complaints have been transferred to a single court and consolidated for all purposes. The court appointed a lead plaintiff and lead counsel and a consolidated complaint was filed on June 27, 2011. On August 12, 2011, we filed a motion to dismiss the complaint and a motion to strike the expert report attached to that complaint. On December 16, 2011, the Court denied both motions. We expect discovery to commence shortly, and will vigorously defend against the claims advanced.

In February 2011, shareholder derivative complaints were filed in the Superior Court of California for the County of Los Angeles and in the U.S. District Court for the Central District of California against all of our directors and certain of our officers. The complaints in the shareholder derivative actions allege breaches of fiduciary duties by the defendants and other violations of law. In general, the complaints allege that the defendants caused or allowed for the dissemination of materially false and misleading statements regarding our business and prospects

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for AFREZZA, thereby artificially inflating the price of our common stock. The plaintiffs are seeking unspecified monetary damages and other relief, including reforms to our corporate governance and internal procedures. The Superior Court of California for the County of Los Angeles has consolidated the actions pending before it and the parties have stipulated to stay the litigation. Likewise, the U.S. District Court for the Central District of California has consolidated the actions pending before it. The U.S. District Court for the Central District of California has also appointed lead plaintiffs and lead counsel and a consolidated complaint was filed on August 12, 2011. We filed a motion to dismiss this complaint on September 26, 2011 and the parties subsequently stipulated to stay the litigation. That stay has expired, and the parties are now negotiating a briefing and hearing schedule on defendants' motion to dismiss the consolidated derivative complaint. We will vigorously defend against the claims advanced.

Preliminary Fourth Quarter 2011 Results

Our cash, cash equivalents and marketable securities were approximately \$3.2 million as of December 31, 2011. This financial result is preliminary, unaudited and subject to completion and may differ from what will be reflected in our audited condensed consolidated financial statements as of and for the year ended December 31, 2011. Our audited condensed consolidated financial statements will not be available until after this offering is complete, and consequently will not be available to you prior to investing in this offering.

As of December 31, 2011, the principal amount outstanding under our existing revolving loan arrangement provided by The Mann Group, an entity controlled by our chief executive officer and principal stockholder, was \$277.2 million, and we had \$45.0 million of available borrowings under the arrangement.

Corporate Information

We were incorporated in the State of Delaware on February 14, 1991. Our principal executive offices are located at 28903 North Avenue Paine, Valencia, California 91355, and our telephone number at that address is (661) 775-5300. MannKind Corporation and the MannKind Corporation logo are our service marks. Our website address is <http://www.mannkindcorp.com>. The information contained in, and that can be accessed through, our website is not incorporated into and does not form a part of this prospectus.

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The Offering

Common Stock Offered by Us in this Offering	shares, plus shares of our common stock underlying the warrants offered in this offering.
Warrants Offered by Us in this Offering	Warrants to purchase up to shares of common stock. Each warrant will have an exercise price of \$ per share, will be exercisable upon issuance and will expire four years from the date of issuance. This prospectus supplement also relates to the offering of the shares of common stock issuable upon exercise of the warrants.
Common Stock to Be Outstanding Immediately After this Offering	shares, or shares of our common stock if the warrants offered in this offering are issued and exercised in full.
Over-allotment Option	We have granted the underwriters an option to purchase up to additional units to cover over-allotments, if any. This option is exercisable, in whole or in part, for a period of 30 days from the date of this prospectus supplement.
Use of Proceeds	We intend to use the net proceeds from this offering for general corporate purposes, including research and development expenses, capital expenditures, working capital and general administrative expenses. See Use of Proceeds on page S-13 of this prospectus supplement.
NASDAQ Global Market Listing	Our common stock is listed on The NASDAQ Global Market under the symbol MNKD.
Risk Factors	Investing in our securities involves a high degree of risk. See Risk Factors beginning on page S-7 of this prospectus supplement.
The number of shares of common stock to be outstanding immediately after this offering is based on 131,337,279 shares of our common stock outstanding as of September 30, 2011 (including 9 million shares issued in connection with our August 2010 share lending arrangement, pursuant to which the share borrower is obligated to return the borrowed shares (or identical shares or, in certain circumstances, the cash value thereof) to us on or by the 45th business day following the date the entire principal on the outstanding convertibles notes ceases to be outstanding (subject to extension, acceleration or early termination in certain circumstances)). Unless otherwise indicated, the number of shares of common stock presented in this prospectus supplement excludes the shares of common stock issuable upon exercise of the warrants being offered by us in this offering and also excludes, as of September 30, 2011:	

9,937,284 shares of common stock issuable upon the exercise of outstanding stock options with a weighted average exercise price of \$5.73 per share;

4,132,083 shares of common stock issuable upon the settlement of outstanding restricted stock units;

14,708,590 shares of common stock issuable upon the conversion of our outstanding 5.75% senior convertible notes due 2015 at a conversion price of approximately \$6.80 per share and up to 2,041,820 shares issuable as make-whole premiums if the notes are converted in connection with certain fundamental changes;

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5,117,523 shares of common stock issuable upon the conversion of our outstanding 3.75% Senior Convertible Notes due 2013 at a conversion price of approximately \$22.47 per share and up to 1,484,064 shares issuable as make-whole premiums if the 3.75% Senior Convertible Notes due 2013 are converted in connection with certain fundamental changes, which share amounts have not been adjusted to reflect the anticipated repurchase of indebtedness with the net proceeds of the concurrent convertible note transaction; and

8,497,236 shares of common stock available for future grant under our 2004 equity incentive plan, 2004 non-employee directors stock option plan and 2004 employee stock purchase plan.

Except as otherwise indicated, all information in this prospectus assumes no exercise by the underwriters of their over-allotment option. In addition, except as otherwise indicated, all information in this prospectus assumes no issuance of the restricted shares at a purchase price of \$ per share to The Mann Group pursuant to the concurrent private placement, as well as no repurchase of outstanding 3.75% Senior Convertible Notes due 2013 and/or issuance of new 2019 notes pursuant to the concurrent convertible note transaction and no issuance of the shares of common stock issuable upon the conversion of the 2019 notes to be issued pursuant to the concurrent convertible note transaction.

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RISK FACTORS

*Investing in our securities involves a high degree of risk. You should carefully consider the risks described below and discussed under the section captioned **Risk Factors** contained in our **Quarterly Report on Form 10-Q** for the quarter ended September 30, 2011, which is incorporated by reference in this prospectus supplement, and all other information contained in this prospectus supplement and the accompanying prospectus and incorporated by reference in this prospectus supplement and the accompanying prospectus, and in any free writing prospectus that we have authorized for use in connection with this offering, before purchasing our securities. These risks and uncertainties are not the only ones facing us. Additional risks and uncertainties that we are unaware of, or that we currently deem immaterial, also may become important factors that affect us. If any of such risks or the risks described below or in our **Quarterly Report on Form 10-Q** for the quarter ended September 30, 2011 occur, our business, financial condition or results of operations could be materially and adversely affected. In that case, the trading price of our common stock and the value of the warrants could decline, and you may lose some or all of your investment.*

Risks Related to Our Business

We will be required to raise additional capital to fund our operations, and our inability to do so could raise doubt about our ability to continue as a going concern.

Based upon our current expectations, we believe that our existing capital resources, including the available borrowings under our loan arrangement with The Mann Group, as amended on January 16, 2012, as well as the anticipated net proceeds of this offering, will enable us to continue planned operations into the third quarter of 2012. However, we cannot assure you that our plans will not change or that changed circumstances will not result in the depletion of our capital resources more rapidly than we currently anticipate. In any event, we plan to raise additional funds, whether through the sale of equity or debt securities (including the other concurrent financing transactions discussed elsewhere in this prospectus supplement), the entry into strategic business collaborations, the establishment of other funding facilities, licensing arrangements, asset sales or other means, or an increase in the borrowings available under the loan arrangement with our related party, in order to continue the development and commercialization of AFREZZA and other product candidates and to support our other ongoing activities. However, it may be difficult for us to raise additional funds through these planned measures. As of September 30, 2011, we had a stockholders deficit of \$280.8 million which may raise concerns about our solvency and affect our ability to raise additional capital. The amount of additional funds we need will depend on a number of factors, including:

rate of progress and costs of our clinical trials and research and development activities, including costs of procuring clinical materials and operating our manufacturing facilities;

our success in establishing strategic business collaborations or other sales or licensing of assets, and the timing and amount of any payments we might receive from any such transactions we are able to establish;

actions taken by the FDA and other regulatory authorities affecting our products and competitive products;

our degree of success in commercializing AFREZZA assuming receipt of required regulatory approvals;

the emergence of competing technologies and products and other adverse market developments;

the costs of preparing, filing, prosecuting, maintaining and enforcing patent claims and other intellectual property rights or defending against claims of infringement by others;

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the level of our legal expenses, including those expenses associated with the securities class actions and derivative lawsuits filed against us and certain of our executive officers and directors and any settlement or damages payments associated with litigation;

the costs of discontinuing projects and technologies; and

the costs of decommissioning existing facilities, if we undertake such activities.

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We have raised capital in the past primarily through the sale of equity and debt securities. We may in the future pursue the sale of additional equity and/or debt securities (including the other concurrent financing transactions discussed elsewhere in this prospectus supplement), or the establishment of other funding facilities. There can be no assurances, however, that we will be able to raise additional capital on acceptable terms, or at all. Issuances of additional debt or equity securities or the conversion of any of our currently outstanding convertible debt securities into shares of our common stock could impact the rights of the holders of our common stock and may dilute their ownership percentage. Moreover, the establishment of other funding facilities may impose restrictions on our operations. These restrictions could include limitations on additional borrowing and specific restrictions on the use of our assets, as well as prohibitions on our ability to create liens, pay dividends, redeem our stock or make investments. We also may seek to raise additional capital by pursuing opportunities for the licensing or sale of certain intellectual property and other assets. We cannot offer assurances, however, that any strategic collaborations, sales of securities or sales or licenses of assets will be available to us on a timely basis or on acceptable terms, if at all. We may be required to enter into relationships with third parties to develop or commercialize products or technologies that we otherwise would have sought to develop independently, and any such relationships may not be on terms as commercially favorable to us as might otherwise be the case.

In the event that sufficient additional funds are not obtained through strategic collaboration opportunities, sales of securities, funding facilities, licensing arrangements and/or asset sales on a timely basis, we will be required to reduce expenses through the delay, reduction or curtailment of our projects, including AFREZZA development activities, or further reduction of costs for facilities and administration. Moreover, if we do not obtain such additional funds, there will be substantial doubt about our ability to continue as a going concern and increased risk of insolvency and loss of investment to the holders of our securities. As of the date hereof, we have not obtained a solvency opinion or otherwise conducted a valuation of our properties to determine whether our debts exceed the fair value of our property within the meaning of applicable solvency laws. If we are or become insolvent, investors in our stock may lose the entire value of their investment.

Because we will not be able to generate operating cash flow unless and until AFREZZA is commercialized, which we expect will require us to reach an agreement with a commercialization partner, we cannot provide assurances that changed or unexpected circumstances, including, among other things, delays in obtaining regulatory approval and in identifying and reaching agreements with a commercialization partner, will not result in the depletion of our capital resources more rapidly than we currently anticipate, in which case we may be required to raise additional capital in advance of our current expectations. There can be no assurances that we will be able to raise additional capital on acceptable terms, or at all. If planned operating results are not achieved or we are not successful in raising additional capital through equity or debt financings or entering into a strategic business collaboration with a pharmaceutical or biotechnology company, we will be required to reduce expenses through the delay, reduction or curtailment of our projects, including AFREZZA development activities, or further reduction of costs for facilities and administration, and there will be substantial doubt about our ability to make payment on outstanding debt or even continue as a going concern.

If we are unable to protect our proprietary rights, we may not be able to compete effectively, or operate profitably.

Our commercial success depends, in large part, on our ability to obtain and maintain intellectual property protection for our technology. Our ability to do so will depend on, among other things, complex legal and factual questions, and it should be noted that the standards regarding intellectual property rights in our fields are still evolving. We attempt to protect our proprietary technology through a combination of patents, trade secrets and confidentiality agreements. We own a number of domestic and international patents, have a number of domestic and international patent applications pending and have licenses to additional patents. We cannot assure you that our patents and licenses will successfully preclude others from using our technologies, and we could incur substantial costs in seeking enforcement of our proprietary rights against infringement. Even if issued, the patents may not give us an advantage over competitors with alternative technologies. Moreover, the term of a patent is limited and, as a result, the patents protecting our products expire at various dates. For example, although some patents providing protection for our AFREZZA inhalation powder expire in 2012, other patents providing similar protection will remain in force into 2020. In addition, patents providing protection for our inhaler and cartridges

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will remain in force into 2023, and we have been allowed method of treatment claims that can be maintained in force into 2029. As and when these different patents expire, AFREZZA could become subject to increased competition. As a consequence, we may not be able to recover our development costs.

Moreover, the issuance of a patent is not conclusive as to its validity or enforceability and it is uncertain how much protection, if any, will be afforded by our patents. A third party may challenge the validity or enforceability of a patent after its issuance by various proceedings such as oppositions in foreign jurisdictions or re-examinations in the United States. If we attempt to enforce our patents, they may be challenged in court where they could be held invalid, unenforceable, or have their breadth narrowed to an extent that would destroy their value.

On September 16, 2011, the Leahy-Smith America Invents Act, or the Leahy-Smith Act, was signed into law. The Leahy-Smith Act includes a number of significant changes to United States patent law. These include provisions that affect the way patent applications will be prosecuted and may also affect patent litigation. The USPTO is currently developing regulations and procedures to govern administration of the Leahy-Smith Act, and many of the substantive changes to patent law associated with the Leahy-Smith Act will not become effective until one year or 18 months after its enactment. Accordingly, it is not clear what, if any, impact the Leahy-Smith Act will have on the operation of our business. However, the Leahy-Smith Act and its implementation could increase the uncertainties and costs surrounding the prosecution of our patent applications and the enforcement or defense of our issued patents, all of which could have a material adverse effect on our business and financial condition.

We also rely on unpatented technology, trade secrets, know-how and confidentiality agreements. We require our officers, employees, consultants and advisors to execute proprietary information and invention and assignment agreements upon commencement of their relationships with us. We also execute confidentiality agreements with outside collaborators. There can be no assurance, however, that these agreements will provide meaningful protection for our inventions, trade secrets, know-how or other proprietary information in the event of unauthorized use or disclosure of such information. If any trade secret, know-how or other technology not protected by a patent were to be disclosed to or independently developed by a competitor, our business, results of operations and financial condition could be adversely affected.

Risks Related to this Offering

There is no public market for the warrants to purchase shares of our common stock being offered in this offering.

There is no established public trading market for the warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply to list the warrants on any national securities exchange or other nationally recognized trading system, including The NASDAQ Global Market. Without an active market, the liquidity of the warrants will be limited.

Management will have broad discretion as to the use of the proceeds from this offering and the concurrent financing transactions, and we may not use the proceeds effectively.

Our management will have broad discretion as to the application of the net proceeds from this offering and the other concurrent financing transactions discussed elsewhere in this prospectus supplement, and could spend the proceeds in ways that do not necessarily improve our operating results or enhance the value of our common stock or warrants.

You will experience immediate and substantial dilution if you invest in this offering.

Since the price per unit being offered is substantially higher than the net tangible book value per share of our common stock, you will incur substantial dilution in the net tangible book value of the common stock you purchase in this offering. Based on the public offering price of \$ per unit, if you purchase units in this

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offering, you will incur immediate and substantial dilution of \$ _____ per share in the net tangible book value of the common stock. This does not take into consideration the restricted shares of our common stock issuable pursuant to the concurrent private placement to The Mann Group and the concurrent convertible note transaction or the restricted shares of our common stock issuable upon conversion of the 2019 notes, at an anticipated conversion price of \$3.00 per share. See *Dilution* beginning on page S-14 of this prospectus supplement for a more detailed discussion of the dilution you will incur if you purchase units in this offering.

Our Chairman and Chief Executive Officer and principal stockholder can individually control our direction and policies, and his interests may be adverse to the interests of our other stockholders. After his death, his stock will be left to his funding foundations for distribution to various charities, and we cannot assure you of the manner in which those entities will manage their holdings.

As of December 31, 2011, Mr. Mann beneficially owned approximately 39.2% of our outstanding shares of capital stock. Assuming the completion of the public offering described in this prospectus supplement and after giving effect to the issuance of shares of our common stock in this offering, excluding the _____ shares of common stock that may be issued from time to time upon exercise of the warrants being offered in this offering, as of December 31, 2011, Mr. Mann would have beneficially owned approximately _____ % of our outstanding shares of capital stock. If further effect is given to the issuance of _____ restricted shares of our common stock in the concurrent private placement issuable upon receipt of applicable HSR clearance, as of December 31, 2011, Mr. Mann would have beneficially owned approximately _____ % of our outstanding shares of capital stock. The figures above do not take into consideration any securities issuable in connection with our concurrent convertible note transaction. By virtue of his holdings, Mr. Mann may be able to continue to effectively control the election of the members of our board of directors, our management and our affairs and prevent corporate transactions such as mergers, consolidations or the sale of all or substantially all of our assets that may be favorable from our standpoint or that of our other stockholders or cause a transaction that we or our other stockholders may view as unfavorable.

Subject to compliance with United States federal and state securities laws, Mr. Mann is free to sell the shares of our stock he holds at any time. Upon his death, we have been advised by Mr. Mann that his shares of our capital stock will be left to the Alfred E. Mann Medical Research Organization, or AEMMRO, and AEM Foundation for Biomedical Engineering, or AEMFBE, not-for-profit medical research foundations that serve as funding organizations for Mr. Mann's various charities, including the Alfred Mann Foundation, or AMF, and the Alfred Mann Institutes at the University of Southern California, the Technion-Israel Institute of Technology, and Purdue University, and that may serve as funding organizations for any other charities that he may establish. The AEMMRO is a membership foundation consisting of six members, including Mr. Mann, his wife, three of his children and Dr. Joseph Schulman, the chief scientist of the AEMFBE. The AEMFBE is a membership foundation consisting of five members, including Mr. Mann, his wife, and the same three of his children. Although we understand that the members of AEMMRO and AEMFBE have been advised of Mr. Mann's objectives for these foundations, once Mr. Mann's shares of our capital stock become the property of the foundations, we cannot assure you as to how those shares will be distributed or how they will be voted.

The sale of our common stock in the concurrent private placement is contingent upon the receipt of clearance under the HSR Act, and there can be no assurance that such clearance will be obtained.

We cannot consummate the sale of our common stock in the concurrent private placement until the expiration or termination of the applicable waiting period under the HSR Act. The aggregate purchase price for the shares of common stock we issue and sell to The Mann Group in the concurrent private placement is expected to be paid by cancelling outstanding principal under our \$350 million existing revolving loan arrangement provided by The Mann Group. If we are unable to consummate the sale of our common stock in the concurrent private placement due to an inability to obtain clearance for the transaction under the HSR Act or for any other reason, in a timely fashion or at all, then our outstanding debt under the loan arrangement with The Mann Group will not be reduced, and we will eventually be required to repay such debt using other capital resources.

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There can be no assurance that the concurrent private offering of 2019 notes will be consummated on acceptable terms, or at all.

The consummation of our proposed concurrent private offering of the 2019 notes are subject to numerous risks and uncertainties, including those associated with investor preferences, market conditions and satisfaction of applicable closing conditions. There can be no assurances that these transactions will be consummated on acceptable terms, or at all.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement and the accompanying prospectus, including the documents that we incorporate by reference herein and therein, contain statements that are not strictly historical in nature and are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and within the meaning of Section 21E of the Exchange Act. These forward-looking statements are subject to the safe harbor created by Section 27A of the Securities Act and Section 21E of the Exchange Act and may include, but are not limited to, statements about:

the progress or success of our research, development and clinical programs, including the application for and receipt of regulatory clearances and approvals, and the timing or success of the commercialization of AFREZZA, our ultra rapid-acting insulin product, or any other products or therapies that we may develop;

our ability to market, commercialize and achieve market acceptance for AFREZZA, or any other products or therapies that we may develop;

our ability to protect our intellectual property and operate our business without infringing upon the intellectual property rights of others;

our estimates regarding anticipated operating losses, future revenues, capital requirements and our needs for additional financing;

our estimates for future performance;

the proposed terms of and our ability to consummate the concurrent private placement to The Mann Group and the concurrent convertible note transaction;

our anticipated use of proceeds from this offering or the concurrent financings; and

scientific studies and the conclusions we draw from them.

In some cases, you can identify forward-looking statements by terms such as anticipates, believes, could, estimates, expects, goal, intent, plans, potential, predicts, projects, should, will, would, the negative of these words and words or similar expressions intended to identify forward-looking statements. These statements reflect our views as of the date on which they were made with respect to future events and are based on assumptions and subject to risks and uncertainties. The underlying information and expectations are likely to change over time. Given these uncertainties, you should not place undue reliance on these forward-looking statements as actual events or results may differ materially from those projected in the forward-looking statements due to various factors, including, but not limited to, those set forth under the heading

Risk Factors in this prospectus supplement, in the accompanying prospectus, and in our SEC filings. These forward-looking statements represent our estimates and assumptions only as of the date of the document containing the applicable statement.

You should rely only on the information contained, or incorporated by reference, in this prospectus supplement, the accompanying prospectus, the registration statement of which this prospectus supplement is a part, and any free writing prospectus that we authorize for use in connection with this offering. You should also understand that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements. Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements. Before deciding to purchase our securities, you should carefully consider the risk factors discussed or incorporated by reference herein, in addition to the other information set forth in this prospectus supplement, the accompanying prospectus and in the documents incorporated by reference.

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USE OF PROCEEDS

We estimate that the net proceeds from the sale of the _____ units that we are offering in this offering will be approximately \$ _____ million, or approximately \$ _____ million if the underwriters exercise in full their option to purchase additional units, after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us and excluding the proceeds, if any, from the exercise of the warrants issued pursuant to this offering. This does not take into consideration any net proceeds raised pursuant to the concurrent private placement to The Mann Group or the concurrent convertible note transaction.

We intend to use the net proceeds from this offering for general corporate purposes, including research and development expenses, capital expenditures, working capital and general administrative expenses. We may also use a portion of the net proceeds to acquire or invest in complementary businesses, products and technologies. Although we have no specific agreements, commitments or understandings with respect to any acquisition, we evaluate acquisition opportunities and engage in related discussions with other companies from time to time.

As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses of the proceeds, if any, from this offering. Accordingly, we will retain broad discretion over the use of any such proceeds. Pending the use of the net proceeds, from this offering as described above, we intend to invest the net proceeds in investment-grade, interest-bearing instruments.

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DILUTION

Our net tangible book deficit as of September 30, 2011 was approximately \$280 million, or \$2.14 per share. Net tangible book deficit per share is determined by dividing our total tangible assets, less total liabilities, by the number of shares of our common stock outstanding as of September 30, 2011.

After giving effect to the sale of _____ units in this offering at the public offering price of \$ _____ per unit and after deducting the underwriting discounts and commissions and estimated offering expenses payable by us and excluding the proceeds, if any, from the exercise of the warrants issued pursuant to this offering, our as adjusted net tangible book value as of September 30, 2011 would have been approximately \$ _____ million, or \$ _____ per share of common stock. This does not take into consideration the securities issuable in connection with the concurrent private placement to The Mann Group or the concurrent convertible note transaction.

The following table illustrates the as adjusted increase in net tangible book value of \$ _____ per share and the dilution to new investors purchasing units in this offering at the public offering price:

Public offering price per unit	\$
Net tangible book deficit per share as of September 30, 2011	\$ 2.14
Increase in net tangible book value per share attributable to new investors purchasing units in this offering	

As adjusted net tangible book value per share on September 30, 2011, after giving effect to this offering

Dilution per share to new investors purchasing units in this offering	\$
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If the underwriters exercise in full their option to purchase _____ additional units at the public offering price of \$ _____ per unit, the as adjusted net tangible book deficit after this offering would have been approximately \$ _____ per share, representing an increase in net tangible book value of \$ _____ per share to existing stockholders and immediate dilution in net tangible book value of \$ _____ per share to new investors purchasing units in this offering at the public offering price.

The above discussion and table are based on 131,337,279 shares issued and outstanding as of September 30, 2011 (including 9 million shares issued in connection with our August 2010 share lending arrangement, pursuant to which the share borrower is obligated to return the borrowed shares (or identical shares or, in certain circumstances, the cash value thereof) to us on or by the 45th business day following the date the entire principal on the outstanding convertibles notes ceases to be outstanding (subject to extension, acceleration or early termination in certain circumstances)) and excludes the shares of common stock issuable upon exercise of the warrants being offered by us in this offering and also excludes, as of such date:

9,937,284 shares of common stock issuable upon the exercise of outstanding stock options with a weighted average exercise price of \$5.73 per share;

4,132,083 shares of common stock issuable upon the settlement of outstanding restricted stock units;

14,708,590 shares of common stock issuable upon the conversion of our outstanding 5.75% senior convertible notes due 2015 at a conversion price of approximately \$6.80 per share and up to 2,041,820 shares issuable as make-whole premiums if the notes are converted in connection with certain fundamental changes;

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5,117,523 shares of common stock issuable upon the conversion of the 3.75% Senior Convertible Notes due 2013 at a conversion price of approximately \$22.47 per share and up to 1,484,064 shares issuable as make-whole premiums if the 3.75% Senior Convertible Notes due 2013 are converted in connection with certain fundamental changes which share amounts have not been adjusted to reflect the anticipated repurchase of indebtedness with the net proceeds of the concurrent convertible note transaction; and

8,497,236 shares of common stock available for future grant under our 2004 equity incentive plan, 2004 non-employee directors stock option plan and 2004 employee stock purchase plan.

To the extent that outstanding options are exercised or outstanding restricted stock units are settled, or securities are issued in connection with the concurrent private placement to The Mann Group and concurrent convertible note transaction, you will experience further dilution. We plan to raise additional capital. See *Risk Factors We will be required to raise additional capital to fund our operations, and our inability to do so could raise doubt about our ability to continue as a going concern.* In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if at that time we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

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Description of the Securities We Are Offering

In this offering, we are offering _____ units, consisting of an aggregate of _____ shares of common stock and warrants to purchase an aggregate of _____ shares of common stock. Each unit consists of one share of common stock and a warrant to purchase 0.6 of a share of common stock at an exercise price of \$ _____ per share. Units will not be issued or certificated. The shares of common stock and the warrants are immediately separable and will be issued separately. This prospectus supplement also relates to the offering of the shares of common stock issuable upon exercise of the offered warrants.

Common Stock

The material terms and provisions of our common stock are described under the caption *Description of Common Stock* starting on page 7 of the accompanying prospectus.

Warrants

The following is a brief summary of certain terms and conditions of the warrants and is subject in all respects to the provisions contained in the warrants.

Form. The warrants will be issued as individual warrant agreements to the investors. You should review a copy of the form of warrant, which will be filed with the SEC by us as an exhibit to a Current Report on Form 8-K in connection with this offering, for a complete description of the terms and conditions applicable to the warrants.

Exercisability. The warrants are exercisable at any time after their original issuance, expected to be February , 2012, and at any time up to the date that is four years after their original issuance. The warrants will be exercisable, at the option of each holder, in whole or in part by delivering to us a duly executed exercise notice and, at any time a registration statement registering the issuance of the shares of common stock underlying the warrants under the Securities Act is effective and available for the issuance of such shares, or an exemption from registration under the Securities Act is available for the issuance of such shares, by payment in full in immediately available funds for the number of shares of common stock purchased upon such exercise. If a registration statement registering the issuance of the shares of common stock underlying the warrants under the Securities Act is not effective or available and an exemption from registration under the Securities Act is not available for the issuance of such shares, the holder may, in its sole discretion, elect to exercise the warrant through a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the warrant. No fractional shares of common stock will be issued in connection with the exercise of a warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price.

Exercise Limitation. A holder will not have the right to exercise any portion of the warrant if the holder (together with its affiliates) would beneficially own in excess of 4.99% of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the warrants. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon at least 61 days prior notice from the holder to us.

Exercise Price. The exercise price per share of common stock purchasable upon exercise of the warrants is \$ _____ per share of common stock. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock and also upon any distributions of assets, including cash, stock or other property to our stockholders.

Transferability. Subject to applicable laws, the warrants may be offered for sale, sold, transferred or assigned without our consent.

Exchange Listing. We do not plan on applying to list the warrants on the NASDAQ Global Market, any other national securities exchange or any other nationally recognized trading system.

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Fundamental Transactions. In the event of a fundamental transaction, as described in the warrants and generally including any reorganization, recapitalization or reclassification of our common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding common stock, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding common stock, the holders of the warrants will be entitled to receive upon exercise of the warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the warrants immediately prior to such fundamental transaction.

Rights as a Stockholder. Except as otherwise provided in the warrants or by virtue of such holder's ownership of shares of our common stock, the holder of a warrant does not have the rights or privileges of a holder of our common stock, including any voting rights, until the holder exercises the warrant.

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CONCURRENT PRIVATE PLACEMENT TO THE MANN GROUP

On February , 2012, we entered into a common stock purchase agreement with The Mann Group. Pursuant to this common stock purchase agreement, contingent upon the expiration or termination of the waiting period applicable to the concurrent private placement under the HSR Act, we are required to issue and sell, and The Mann Group is obligated to purchase, restricted shares of our common stock at a price of \$ per share (the consolidated closing bid price for our common stock as reported by The NASDAQ Global Market on February , 2012). The aggregate purchase price for the shares of common stock we issue and sell to The Mann Group is expected to be paid by cancelling outstanding principal under our \$350 million existing revolving loan arrangement provided by The Mann Group. As of December 31, 2011, the principal amount outstanding under the loan arrangement was \$277.2 million, and we had \$45.0 million of available borrowings under the arrangement. Any amount of indebtedness cancelled in connection with the concurrent private placement cannot be reborrowed under the loan arrangement.

The concurrent private placement is not contingent upon the completion of this offering, and this offering is not contingent upon the completion of the concurrent private placement. There can be no assurance that the concurrent private placement can be consummated. See Risk Factors *The sale of our common stock in the concurrent private placement is contingent upon the receipt of clearance under the HSR Act, and there can be no assurance that such clearance will be obtained.*

CONCURRENT CONVERTIBLE NOTE TRANSACTION

We are concurrently conducting a private offering under Rule 144A of the Securities Act of up to \$161 million of the 2019 notes. The 2019 notes will be secured by a first priority lien on substantially all of our assets, excluding our insulin inventory supply and subject to other customary exclusions, and are anticipated to accrue interest at the rate of 7% per annum, payable biannually in arrears. The 2019 notes will mature in seven years from the date of issuance, but investors are expected to have a right to put the 2019 notes to the Company on February 15, 2015 at a price equal to 100% of the principal amount.

The 2019 notes are anticipated to be convertible into shares of our common stock at an initial conversion price of \$3.00 per share, subject to customary adjustments and full-ratchet anti-dilution protection for any issuances, other than certain excluded issuances, of (i) common stock at a price less than the conversion price of the 2019 notes or (ii) securities convertible into or exercisable for common stock having a conversion or exercise price less than the conversion price of the 2019 notes. The right of the holders to convert the 2019 notes into common stock will be subject to our having sufficient authorized shares, as well as approval of the conversion terms pursuant to Nasdaq Marketplace Rules. In the event that we do not receive these approvals by May 31, 2012, the note holders will have the right to force us to redeem the notes at 100% of the outstanding principal amount, plus any accrued and unpaid interest, until such time as we obtain these approvals.

We intend to use the net proceeds from the offering of the 2019 notes (1) to repay or repurchase certain of our outstanding 2013 notes in privately negotiated transactions, and (2) for general corporate purposes, including research and development expenses, capital expenditures, working capital and general administrative expenses.

The concurrent convertible note transaction is not contingent upon the completion of this offering, and this offering is not contingent upon the completion of the concurrent convertible note transaction. There can be no assurance that the concurrent financing transactions can be consummated. See Risk Factors *There can be no assurance that the concurrent private offering of senior secured convertible notes and related exchange transactions will be consummated on acceptable terms, or at all.*

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UNDERWRITING

The underwriters named below have agreed to buy, subject to the terms of the underwriting agreement, the number of units listed opposite their names below. Jefferies & Company, Inc., Piper Jaffray & Co. and Cowen and Company, LLC are acting as joint book-running managers for this offering and as representatives of the underwriters. The underwriters are severally committed to purchase and pay for all of the units offered by this prospectus supplement if any are purchased.

Underwriters	Number of Units
Jefferies & Company, Inc.	
Piper Jaffray & Co.	
Cowen and Company, LLC	

Total

The underwriters have advised us that they propose to offer the units to the public at the initial offering price set forth on the cover page of this prospectus. The underwriters propose to offer the units to certain dealers at the same price less a concession of not more than \$ per unit. The underwriters may allow and the dealers may reallow a concession of not more than \$ per unit on sales to certain other brokers and dealers. After the offering, these figures may be changed by the underwriters.

We have granted the underwriters an option to purchase up to additional units from us, and with the same underwriting discount, as set forth in the table below. The underwriters may exercise this option at any time and from time to time during the 30-day period from the date of this prospectus supplement solely to cover over-allotments, if any. To the extent any units are purchased with this over-allotment option, the underwriters will purchase units in approximately the same proportion as shown in the table above. The representatives, in their sole discretion, shall determine the allocation and distribution of the option units.

The following table shows the underwriting fees to be paid to the underwriters in connection with this offering. These amounts are shown assuming both no exercise and full exercise of the over-allotment option.

Per Unit	No Exercise	Full Exercise
Total	\$	\$

We estimate that the total fees and expenses of the offering, excluding estimated underwriting discounts, will be approximately \$. The underwriters are not involved with the sale of common stock to The Mann Group and as such they will not receive any underwriting discounts or commissions in respect of the concurrent private placement.

Concurrently with the issuance of the units, we are conducting a private offering of up to \$161 million of the 2019 notes. Jefferies & Company, Inc. and Piper Jaffray & Co. are acting as initial purchasers in this concurrent convertible note transaction.

We have agreed to indemnify the underwriters against certain liabilities, including civil liabilities under the Securities Act, or to contribute to payments that the underwriters may be required to make in respect of those liabilities.

We will pay all taxes incurred by us on the transfer and sale of our securities, fees for accounting, legal or advisory services and all costs and expenses incurred by us in effecting the registration of the units covered by this prospectus supplement, including, without limitation, blue sky registration and filing fees, and fees and expenses of our counsel and accountants.

The underwriters have informed us that they will not make sales of the units offered by this prospectus supplement to accounts over which they exercise discretionary authority without the prior specific written approval of the customer.

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We and each of our directors, executive officers and stockholders are subject to lock-up agreements that prohibit us and them from offering, pledging, announcing the intention to sell, selling, contracting to sell, selling any option or contract to purchase, purchasing any option or contract to sell, granting any option, right or warrant to purchase, making any short sale or otherwise transferring or disposing of, directly or indirectly, any shares of our common stock or any securities convertible into, exercisable or exchangeable for or that represent the right to receive our common stock or entering into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of our common stock, for a period of at least 90 days following the date of this prospectus supplement without the prior written consent of Jefferies & Company, Inc. and Piper Jaffray & Co. The lock-up restrictions will not apply to the issuance of securities pursuant to this prospectus supplement (including the issuance of _____ shares of common stock issuable upon exercise of the warrants issued pursuant to this offering), the issuance of the 2019 notes and any shares of common stock issuable upon conversion of the 2019 notes the issuance of shares pursuant to our equity incentive plans described under the heading The Offering beginning on page S-5, the issuance of _____ shares of common stock to The Mann Group pursuant to the Common Stock Purchase Agreement with The Mann Group, or the issuance of shares in connection with a joint venture, commercial relationship or other strategic transactions; provided that the recipient of the shares pursuant to any such joint venture, commercial relationship or other strategic transactions agrees to be bound by these lock-up restrictions.

The 90-day lock-up period in all of the lock-up agreements is subject to extension if (1) during the last 17 days of the lock-up period we issue an earnings release or material news or a material event relating to us occurs or (2) prior to the expiration of the lock-up period, we announce that we will release earnings results during the 16-day period beginning on the last day of the lock-up period, in which case the restrictions imposed in these lock-up agreements shall continue to apply until the expiration of the 18-day period beginning on the issuance of the earnings release or the occurrence of the material news or material event, unless Jefferies & Company, Inc. and Piper Jaffray & Co. waive the extension in writing.

Our common stock is listed on The NASDAQ Global Market under the trading symbol MNKD .

The initial public offering price for the units offered by this prospectus supplement was negotiated by us and the underwriters. The factors considered in determining the initial public offering price include the history of and the prospects for the industry in which we compete, our past and present operations, our historical results of operations, our prospects for future earnings, the recent market prices of securities of generally comparable companies and the general condition of the securities markets at the time of the offering and other relevant factors. There can be no assurance that the initial public offering price of the units will correspond to the price at which the common stock and warrants will trade in the public market subsequent to this offering or that an active public market for our common stock and warrants will develop and continue after this offering.

To facilitate the offering, the underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of our securities during and after the offering. Specifically, the underwriters may over-allot or otherwise create a short position in the units for their own account by selling more units than we have sold to them. Short sales involve the sale by the underwriters of a greater number of units than they are required to purchase in this offering. Covered short sales are sales made in an amount not greater than the underwriters' option to purchase additional units in this offering. The underwriters may close out any covered short position by either exercising their option to purchase additional units or purchasing common stock in the open market. In determining the source of common stock to close out the covered short position, the underwriters will consider, among other things, the price of common stock available for purchase in the open market as compared to the price at which they may purchase common stock through the over-allotment option. Naked short sales are sales in excess of this option. The underwriters must close out any naked short position by purchasing common stock in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the common stock in the open market after pricing that could adversely affect investors who purchase in this offering.

In addition, the underwriters may stabilize or maintain the price of the common stock by bidding for or purchasing shares of common stock in the open market and may impose penalty bids. If penalty bids are

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imposed, selling concessions allowed to syndicate members or other broker-dealers participating in the offering are reclaimed if shares of common stock previously distributed in the offering are repurchased, whether in connection with stabilization transactions or otherwise. The effect of these transactions may be to stabilize or maintain the market price of our common stock at a level above that which might otherwise prevail in the open market. The imposition of a penalty bid may also affect the price of our common stock to the extent that it discourages resales of the common stock. The magnitude or effect of any stabilization or other transactions is uncertain. These transactions may be effected on The NASDAQ Global Market or otherwise and, if commenced, may be discontinued at any time.

Some underwriters may also engage in passive market making transactions in our common stock. Passive market making consists of displaying bids on The NASDAQ Global Market limited by the prices of independent market makers and effecting purchases limited by those prices in response to order flow. Rule 103 of Regulation M promulgated by the SEC limits the amount of net purchases that each passive market maker may make and the displayed size of each bid. Passive market making may stabilize the market price of the common stock at a level above that which might otherwise prevail in the open market and, if commenced, may be discontinued at any time.

From time to time in the ordinary course of their respective businesses, the underwriters and certain of their respective affiliates may engage in commercial banking or investment banking transactions with us and our affiliates.

This prospectus supplement may be made available on the web sites maintained by the underwriters and the underwriters may distribute prospectuses electronically.

Selling Restrictions

Sales outside the United States

No action has been taken in any jurisdiction (except in the U.S.) that would permit a public offering of the securities, or the possession, circulation or distribution of this prospectus supplement, the accompanying prospectus or any other material relating to us or the securities in any jurisdiction where action for that purpose is required. Accordingly, the securities may not be offered or sold, directly or indirectly, and none of this prospectus supplement or any other offering material or advertisements in connection with the securities may be distributed or published, in or from any country or jurisdiction except in compliance with any applicable rules and regulations of any such country or jurisdiction.

Each of the underwriters may arrange to sell the securities offered hereby in certain jurisdictions outside the U.S., either directly or through affiliates, where they are permitted to do so.

Notice to prospective investors in European Economic Area

In relation to each member state of the European Economic Area which has implemented the Prospectus Directive, or a Relevant Member State, with effect from and including the date on which the Prospectus Directive is implemented in that Relevant Member State, no offer of the securities has been made or will be made to the public in that Relevant Member State, except that, with effect from and including such date, an offer of shares of the securities may be made to the public in the Relevant Member State at any time:

- (a) to legal entities which are authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;
- (b) to any legal entity which has two or more of (i) an average of at least 250 employees during the last financial year; (ii) a total balance sheet of more than 43,000,000 and (iii) an annual net turnover of more than 50,000,000, as shown in its last annual or consolidated accounts;

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- (c) to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive); or
- (d) in any other circumstances which do not require the publication by us of a prospectus pursuant to Article 3 of the Prospectus Directive.

For the purposes of this provision, the expression an offer of the securities to the public in relation to any shares in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any units to be offered so as to enable an investor to decide to purchase any units, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State and the expression Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant Member State.

Notice to prospective investors in the United Kingdom

This prospectus supplement and any other material in relation to the securities described herein is only being distributed to, and is only directed at, persons in the United Kingdom that are qualified investors within the meaning of Article 2(1)(e) of the Prospective Directive (qualified investors) that also (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended, or the Order, (ii) who fall within Article 49(2)(a) to (d) of the Order or (iii) to whom it may otherwise lawfully be communicated (all such persons together being referred to as relevant persons). The securities are only available to, and any invitation, offer or agreement to purchase or otherwise acquire such securities will be engaged in only with, relevant persons. This prospectus supplement and its contents are confidential and should not be distributed, published or reproduced (in whole or in part) or disclosed by recipients to any other person in the United Kingdom. Any person in the United Kingdom that is not a relevant person should not act or rely on this prospectus supplement or any of its contents.

The distribution of this prospectus supplement in the United Kingdom to anyone not falling within the above categories is not permitted and may contravene the Order. No person falling outside those categories should treat this prospectus supplement as constituting a promotion to him, or act on it for any purposes whatever. Recipients of this prospectus supplement are advised that we, the underwriters and any other person that communicates this prospectus supplement are not, as a result solely of communicating this prospectus supplement, acting for or advising them and are not responsible for providing recipients of this prospectus supplement with the protections which would be given to those who are clients of any aforementioned entities that is subject to the Financial Services Authority Rules.

Notice to prospective investors in Hong Kong

Our securities may not be offered or sold by means of any document other than: (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap. 32, Laws of Hong Kong), (ii) to professional investors as defined in the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules thereunder, or (iii) in other circumstances which do not result in the document being a prospectus within the meaning of the Companies Ordinance. No advertisement, invitation or other document relating to our securities may be issued, whether in Hong Kong or elsewhere, where such document is directed at, or the contents are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the laws of Hong Kong), other than with respect to such securities that are intended to be disposed of only to persons outside of Hong Kong or only to professional investors as defined in the Securities and Futures Ordinance and any rules thereunder.

Notice to prospective investors in Switzerland

This prospectus supplement, as well as any other material relating to the securities which are the subject of the offering contemplated by this prospectus supplement, do not constitute an issue prospectus pursuant to Article

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652a of the Swiss Code of Obligations. The securities will not be listed on the SWX Swiss Exchange and, therefore, the documents relating to the securities, including, but not limited to, this prospectus supplement, do not claim to comply with the disclosure standards of the listing rules of SWX Swiss Exchange and corresponding prospectus schemes annexed to the listing rules of the SWX Swiss Exchange. The securities are being offered in Switzerland by way of a private placement, i.e. to a small number of selected investors only, without any public offer and only to investors who do not purchase the securities with the intention to distribute them to the public. The investors will be individually approached by us from time to time. This prospectus supplement, as well as any other material relating to the shares, is personal and confidential and do not constitute an offer to any other person. This prospectus supplement may only be used by those investors to whom it has been handed out in connection with the offering described herein and may neither directly nor indirectly be distributed or made available to other persons without our express consent. It may not be used in connection with any other offer and shall in particular not be copied and/or distributed to the public in (or from) Switzerland.

Notice to prospective investors in the Dubai International Financial Centre

This prospectus supplement relates to an exempt offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority. This prospectus supplement is intended for distribution only to persons of a type specified in those rules. It must not be delivered to, or relied on by, any other person. The Dubai Financial Services Authority has no responsibility for reviewing or verifying any documents in connection with exempt offers. The Dubai Financial Services Authority has not approved this prospectus supplement nor taken steps to verify the information set out in it, and has no responsibility for it. The securities which are the subject of the offering contemplated by this prospectus supplement may be illiquid and/or subject to restrictions on their resale. Prospective purchasers of the securities offered should conduct their own due diligence on the securities. If you do not understand the contents of this prospectus supplement you should consult an authorized financial adviser.

Notice to prospective investors in Singapore

This prospectus supplement has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus supplement and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the securities may not be circulated or distributed, nor may the securities be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person, or any person pursuant to Section 275 (1A), and in accordance with the conditions, specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the securities are subscribed or purchased under Section 275 by a relevant person which is: (a) a corporation (which is not an accredited investor) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole whole purpose is to hold investments and each beneficiary is an accredited investor, shares, debentures and units of shares and debentures of that corporation or the beneficiaries rights and interest in that trust shall not be transferable for six months after that corporation or that trust has acquired the securities under Section 275 except: (i) to an institutional investor under Section 274 of the SFA or to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA; (ii) where no consideration is given for the transfer; or (iii) by operation of law.

Notice to prospective investors in France

The prospectus supplement and the accompanying prospectus (including any amendment, supplement or replacement thereto) have not been prepared in connection with the offering of our securities that has been approved by the Autorité des marchés financiers or by the competent authority of another State that is a contracting party to the Agreement on the European Economic Area and notified to the Autorité des marchés

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financiers; no security has been offered or sold and will be offered or sold, directly or indirectly, to the public in France except to permitted investors, or Permitted Investors, consisting of persons licensed to provide the investment service of portfolio management for the account of third parties, qualified investors (investisseurs qualifiés) acting for their own account and/or corporate investors meeting one of the four criteria provided in article D. 341-1 of the French Code Monétaire et Financier and belonging to a limited circle of investors (cercle restreint d'investisseurs) acting for their own account, with qualified investors and limited circle of investors having the meaning ascribed to them in Article L. 411-2, D. 411-1, D. 411-2, D. 734-1, D. 744-1, D. 754-1 and D. 764-1 of the French Code Monétaire et Financier; none of this prospectus supplement and the accompanying Prospectus or any other materials related to the offer or information contained therein relating to our securities has been released, issued or distributed to the public in France except to Permitted Investors; and the direct or indirect resale to the public in France of any securities acquired by any Permitted Investors may be made only as provided by articles L. 411-1, L. 411-2, L. 412-1 and L. 621-8 to L. 621-8-3 of the French Code Monétaire et Financier and applicable regulations thereunder.

Notice to prospective investors in Italy

The offering of the securities has not been registered pursuant to the Italian securities legislation and, accordingly, we have not offered or sold, and will not offer or sell, the securities in the Republic of Italy in a solicitation to the public, and that sales of the securities in the Republic of Italy shall be effected in accordance with all Italian securities, tax and exchange control and other applicable laws and regulations. In any case, our securities cannot be offered or sold to any individuals in the Republic of Italy either in the primary market or the secondary market.

We will not offer, sell or deliver any securities or distribute copies of this prospectus supplement or any other document relating to our securities in the Republic of Italy except to Professional Investors, as defined in Article 31.2 of CONSOB Regulation No. 11522 of 2 July 1998 as amended, or Regulation No. 11522, pursuant to Article 30.2 and 100 of Legislative Decree No. 58 of 24 February 1998 as amended, or Decree No. 58, or in any other circumstances where an expressed exemption to comply with the solicitation restrictions provided by Decree No. 58 or Regulation No. 11971 of 14 May 1999 as amended applies, provided, however, that any such offer, sale or delivery of our securities or distribution of copies of this prospectus supplement or any other document relating to our securities in the Republic of Italy must be:

- (a) made by investment firms, banks or financial intermediaries permitted to conduct such activities in the Republic of Italy in accordance with Legislative Decree No. 385 of 1 September 1993 as amended, or Decree No. 385, Decree No. 58, CONSOB Regulation No. 11522 and any other applicable laws and regulations;
- (b) in compliance with Article 129 of Decree No. 385 and the implementing instructions of the Bank of Italy, pursuant to which the issue, trading or placement of securities in Italy is subject to a prior notification to the Bank of Italy, unless an exemption, depending, inter alia, on the aggregate amount and the characteristics of our securities issued or offered in the Republic of Italy, applies; and
- (c) in compliance with any other applicable notification requirement or limitation which may be imposed by CONSOB or the Bank of Italy.

Notice to prospective investors in Germany

This prospectus supplement has not been prepared in accordance with the requirements for a securities or sales prospectus under the German Securities Prospectus Act (Wertpapierprospektgesetz), the German Sales Prospectus Act (Verkaufprospektgesetz), or the German Investment Act (Investmentgesetz). Neither the German Federal Financial Services Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht BaFin) nor any other German authority has been notified of the intention to distribute shares of our securities in Germany.

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Consequently, shares of our securities may not be distributed in Germany by way of public offering, public advertisement or in any similar manner AND THIS PROSPECTUS AND ANY OTHER DOCUMENT RELATING TO THE OFFERING, AS WELL AS INFORMATION OR STATEMENTS CONTAINED THEREIN, MAY NOT BE SUPPLIED TO THE PUBLIC IN GERMANY OR USED IN CONNECTION WITH ANY OFFER FOR SUBSCRIPTION OF OUR SECURITIES TO THE PUBLIC IN GERMANY OR ANY OTHER MEANS OF PUBLIC MARKETING. Our securities are being offered and sold in Germany only to qualified investors which are referred to in Section 3, paragraph 2 no. 1, in connection with Section 2, no. 6, of the German Securities Prospectus Act, Section 8f paragraph 2 no. 4 of the German Sales Prospectus Act, and in Section 2 paragraph 11 sentence 2 no. 1 of the German Investment Act. This prospectus supplement is strictly for use of the person who has received it. It may not be forwarded to other persons or published in Germany.

Notice to prospective investors in Norway

Our securities will not be offered in Norway other than (i) to investors who are deemed professional investors under Section 5-4 of the Norwegian Securities Trading Act of 1997 as defined in Regulation no. 1424 of 9 December 2005, or Professional Investors, (ii) to fewer than 100 investors that are not Professional Investors or with a total consideration of less than EUR 100,000 calculated over a period of 12 months, or (iii) with a minimum subscription amount of EUR 50,000. Consequently, no public offering will be made in Norway and this prospectus supplement has not been filed with or approved by any Norwegian authority. The prospectus supplement must not be reproduced or otherwise distributed to others by the recipient.

Notice to prospective investors in Finland

This prospectus supplement has not been prepared to comply with the standards and requirements regarding public offering set forth in the Finnish Securities Market Act (1989/495, as amended) and it has not been approved by the Finnish Financial Supervision Authority. Our securities may not be offered, sold, advertised or otherwise marketed in Finland under circumstances which constitute public offering of securities under Finnish law.

Acceptance of prospectus

By accepting this prospectus supplement, the recipient hereof represents and warrants that he is entitled to receive it in accordance with the restrictions set forth above and agrees to be bound by limitations contained herein. Any failure to comply with these limitations may constitute a violation of law.

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LEGAL MATTERS

The validity of the securities offered by this prospectus supplement and the accompanying prospectus will be passed upon for us by Cooley LLP, San Diego, California. Latham & Watkins LLP, San Diego, California, is counsel for the underwriters in connection with this offering.

EXPERTS

The financial statements incorporated in this prospectus supplement by reference from our Annual Report on Form 10-K and the effectiveness of our internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus supplement and the accompanying prospectus are part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and do not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus supplement or the accompanying prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference in this prospectus supplement and the accompanying prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus supplement and the accompanying prospectus. Information contained in this prospectus supplement and the accompanying prospectus and information that we file with the SEC in the future and incorporate by reference in this prospectus supplement and the accompanying prospectus will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings (other than information in current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items) we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, after the date of the prospectus supplement and prior to the termination of the offering of the securities covered by this prospectus supplement:

our Annual Report on Form 10-K for the year ended December 31, 2010, filed with the SEC on March 16, 2011;

the information specifically incorporated by reference into our Annual Report on Form 10-K for the year ended December 31, 2010 from our definitive proxy statement on Schedule 14A, filed with the SEC on April 22, 2011;

our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2011, June 30, 2011 and September 30, 2011, filed with the SEC on May 10, 2011, August 4, 2011 and November 4, 2011, respectively;

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our Current Reports on Form 8-K filed with the SEC on January 20, 2011, February 10, 2011, June 8, 2011 (as amended by Current Report on Form 8-K/A filed with the SEC on August 18, 2011), June 28, 2011, September 23, 2011, November 22, 2011, December 14, 2011, January 20, 2012 and January 31, 2012 (other than the portions of these reports furnished but not filed pursuant to SEC rules and the exhibits filed on such form that relate to such portions); and

the description of our common stock contained in our registration statement on Form 8-A filed with the SEC on July 23, 2004, including all amendments and reports filed for the purpose of updating such information.

We will furnish without charge to you, upon written or oral request, a copy of any or all of the documents incorporated by reference, including exhibits to these documents. You should direct any requests for documents to:

Investor Relations

MannKind Corporation

28903 North Avenue Paine

Valencia, CA 91355

(661) 775-5300

In accordance with Rule 412 of the Securities Act, any statement contained in a document incorporated by reference herein shall be deemed modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement.

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PROSPECTUS

\$200,000,000

MannKind Corporation

Common Stock

Warrants

Debt Securities

From time to time, we may sell up to an aggregate of \$200,000,000 of our common stock, warrants or debt securities. We will specify in any accompanying prospectus supplement the terms of any offering.

Our common stock is traded on The NASDAQ Global Market under the trading symbol MNKD. The applicable prospectus supplement will contain information, where applicable, as to other listings, if any, on The NASDAQ Global Market or other securities exchange of the securities covered by the prospectus supplement.

Our principal executive offices are located at 28903 North Avenue Paine, Valencia, California 91355, and our telephone number at that address is (661) 775-5300.

You should read this prospectus and any prospectus supplement carefully before you invest.

Investing in our securities involves a high degree of risk. You should review carefully the risks and uncertainties referenced under the heading Risk Factors on page 2 of this prospectus as well as those contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus.

This prospectus may not be used to offer or sell any securities unless accompanied by a prospectus supplement.

The securities may be sold directly by us to investors, through agents designated from time to time or to or through underwriters or dealers, on a continuous or delayed basis. For additional information on the methods of sale, you should refer to the section entitled Plan of Distribution in this prospectus and in the applicable prospectus supplement. If any agents or underwriters are involved in the sale of any securities with respect to which this prospectus is being delivered, the names of such agents or underwriters and any applicable fees, commissions, discounts and over-allotment options will be set forth in a prospectus supplement. The price to the public of such securities and the net proceeds that we expect to receive from such sale will also be set forth in a prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this Prospectus is May 11, 2010.

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You should rely only on the information that we have provided or incorporated by reference in this prospectus, any applicable prospectus supplement and any related free writing prospectus that we may authorize to be provided to you. We have not authorized anyone to provide you with different information. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained or incorporated by reference in this prospectus, any applicable prospectus supplement or any related free writing prospectus that we may authorize to be provided to you. You must not rely on any unauthorized information or representation. This prospectus is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. You should assume that the information in this prospectus, any applicable prospectus supplement or any related free writing prospectus is accurate only as of the date on the front of the document and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus, any applicable prospectus supplement or any related free writing prospectus, or any sale of our securities. Our business, financial condition, results of operations and prospects may have changed since that date.

AFREZZA™ is our trademark and Technosphere® is our registered trademark in the United States. We have also applied for or registered company trademarks in other jurisdictions, including Europe and Japan. This document also contains trademarks and service marks owned by other companies that are the property of their respective owners. Use or display by us of other parties' trademarks, trade dress or products in this prospectus is not intended to, and does not imply a relationship with, endorsements by or sponsorship of, us by the trademark or trade dress owners.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, using a shelf registration process. Under this shelf registration process, we may sell common stock, warrants or debt securities in one or more offerings up to a total dollar amount of \$200,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we offer a type or series of securities under this prospectus, we will provide a prospectus supplement that will contain more specific information about the terms of those securities. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these

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offerings. We may also add, update or change in the prospectus supplement (and in any related free writing prospectus that we may authorize to be provided to you) any of the information contained in this prospectus or in the documents that we have incorporated by reference into this prospectus. We urge you to carefully read this prospectus, any applicable prospectus supplement and any related free writing prospectus, together with the information incorporated herein by reference as described under the headings "Where You Can Find Additional Information" and "Incorporation of Certain Information by Reference" before buying any of the securities being offered.

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SUMMARY

The following summary provides an overview of selected information relating to this offering and does not contain all the information that you should consider before investing in our securities. You should carefully read this prospectus, all documents incorporated by reference, any prospectus supplement and related free writing prospectus, and the additional information described under the caption WHERE YOU CAN FIND MORE INFORMATION, beginning on page 25, before buying securities in this offering. References in this prospectus to MannKind, the Company, we, us and our refer to MannKind Corporation and its subsidiary, on a consolidated basis, unless the context requires otherwise.

MannKind Corporation

MannKind Corporation is a biopharmaceutical company focused on the discovery, development and commercialization of therapeutic products for diseases such as diabetes and cancer. Our lead product candidate, AFREZZA (insulin human [rDNA origin]) Inhalation Powder, is an ultra rapid-acting insulin that has completed Phase 3 clinical trials that evaluated its safety and efficacy in the treatment of diabetes. We submitted a new drug application, or NDA, to the United States Food and Drug Administration, or FDA, for AFREZZA in March 2009. On March 12, 2010, we received a Complete Response letter from the FDA regarding this NDA, seeking additional information about AFREZZA. Currently, AFREZZA remains under review by the FDA.

AFREZZA utilizes our proprietary Technosphere formulation technology, which is based on a class of organic molecules that are designed to self-assemble into small particles onto which drug molecules can be loaded. With AFREZZA, we load recombinant human insulin onto the Technosphere particles; however, this technology is not limited to insulin delivery. We believe it represents a versatile drug delivery platform that may allow pulmonary administration of certain drugs that currently require administration by injection, such as glucagon-like peptide-1, or GLP-1. Beyond convenience, we believe the key advantage of drugs inhaled as Technosphere formulations is that they have been shown to be absorbed very rapidly into the arterial circulation, essentially mimicking intra-arterial administration.

In addition to our Technosphere platform, we are developing therapies for the treatment of different types of cancer. We have conducted Phase 1 clinical studies of two immunotherapy product candidates, MKC1106-PP and MKC1106-MT, and are preparing to initiate a Phase 2 study of MKC1106-MT in patients with advanced melanoma. We are also conducting preclinical studies of a drug candidate, MKC204, that may have the potential to treat certain malignancies and inflammatory diseases.

We are a development stage enterprise and have incurred significant losses since our inception in 1991. As of March 31, 2010, we have incurred a cumulative net loss of \$1.6 billion and accumulated deficit in stockholders' equity of \$100.9 million. To date, we have not generated any product revenues and have funded our operations primarily through the sale of equity securities and convertible debt securities. If we are unable to obtain additional funding in the future, there will be substantial doubt about our ability to continue as a going concern.

We have held extensive discussions with a number of pharmaceutical companies concerning a potential strategic business collaboration for AFREZZA. Recently, we initiated partnership discussions with a number of pharmaceutical companies regarding our cancer immunotherapy and cancer drug programs. We cannot predict when, if ever, we could conclude an agreement with a partner. There can be no assurance that any such collaboration will be available to us on a timely basis or on acceptable terms, if at all.

We do not expect to record sales of any product prior to regulatory approval and commercialization of AFREZZA. We currently do not have the required approvals to market any of our product candidates, and we may not receive such approvals. We may not be profitable even if we succeed in commercializing any of

our product candidates. We expect to make substantial expenditures and to incur additional operating losses for at least the next several years as we:

continue the clinical development of AFREZZA and new inhalation systems for the treatment of diabetes;

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seek regulatory approval to sell AFREZZA in the United States and other markets;

seek sales and marketing collaborations for AFREZZA;

seek development collaborations for our cancer immunotherapy and cancer drug programs; and

develop additional applications of our proprietary Technosphere platform technology for the pulmonary delivery of other drugs.

Our business is subject to significant risks, including but not limited to the risks inherent in our ongoing clinical trials and the regulatory approval process, the results of our research and development efforts, competition from other products and technologies and uncertainties associated with obtaining and enforcing patent rights.

Risk Factors

An investment in our securities involves a high degree of risk. Prior to making a decision about investing in our securities, you should carefully consider the specific risk factors discussed in the sections entitled "Risk Factors" contained in any applicable prospectus supplement and our filings with the SEC and incorporated by reference in this prospectus, together with all of the other information contained in this prospectus, any applicable prospectus supplement or free writing prospectus, or incorporated by reference in this prospectus. These risks and uncertainties are not the only risks and uncertainties we face. Additional risks and uncertainties not presently known to us, or that we currently view as immaterial, may also impair our business. If any of the risks or uncertainties described in our SEC filings or any prospectus supplement or any additional risks and uncertainties actually occur, our business, financial condition and results of operations could be materially and adversely affected. In that case, the trading price of our securities could decline and you might lose all or part of your investment.

The Securities We May Offer

We may offer shares of our common stock, various series of debt securities and/or warrants to purchase any of these securities, with a total value of up to \$200,000,000, from time to time under this prospectus at prices and on terms to be determined by market conditions at the time of offering. This prospectus provides you with a general description of the securities we may offer. Each time we offer a type or series of securities, we will provide a prospectus supplement that will describe the specific amounts, prices and other important terms of the securities, including, to the extent applicable:

designation or classification;

aggregate principal amount or aggregate offering price;

maturity, if applicable;

original issue discount, if any;

rates and times of payment of interest, dividends or other payments, if any;

redemption, conversion, exercise, exchange or sinking fund terms, if any;

ranking;

restrictive covenants, if any;

voting or other rights, if any;

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conversion or exchange prices or rates, if any, and, if applicable, any provisions for changes to or adjustments in the conversion or exchange prices or rates and in the securities or other property receivable upon conversion or exchange; and

certain federal income tax considerations.

A prospectus supplement and any related free writing prospectus that we may authorize to be provided to you also may add, update or change information contained in this prospectus or in documents we have incorporated by reference. However, no prospectus supplement or free writing prospectus will offer a security that is not registered and described in this prospectus at the time of its effectiveness.

This prospectus may not be used to offer or sell securities unless it is accompanied by a prospectus supplement.

We may sell the securities directly to or through agents, underwriters or dealers. We, and our agents, dealers or underwriters, reserve the right to accept or reject all or part of any proposed purchase of securities. If we do offer securities through agents or underwriters, we will include in the applicable prospectus supplement:

the name of those agents or underwriters;

applicable fees, discounts and commissions to be paid to them;

details regarding over-allotment options, if any; and

the net proceeds to us.

Common Stock. We may issue shares of our common stock from time to time. Holders of our common stock are entitled to one vote per share on all matters submitted to a vote of stockholders. Subject to any preferences of any of our preferred stock that may be outstanding, holders of our common stock are entitled to dividends when and if declared by our board of directors.

Warrants. We may issue warrants for the purchase of common stock or debt securities in one or more series, from time to time. We may issue warrants independently or together with common stock or debt securities, and the warrants may be attached to or separate from these securities. In this prospectus, we have summarized certain general features of the warrants. We urge you, however, to read the applicable prospectus supplement (and any free writing prospectus that we may authorize to be provided to you) related to the particular series of warrants being offered, as well as the complete warrant agreements and warrant certificates that contain the terms of the warrants. Forms of the warrant agreements and forms of warrant certificates containing the terms of the warrants being offered have been filed as exhibits to the registration statement of which this prospectus is a part, and supplemental warrant agreements and forms of warrant certificates will be filed as exhibits to the registration statement of which this prospectus is a part or will be incorporated by reference from reports that we file with the SEC.

We will evidence each series of warrants by warrant certificates that we will issue. Warrants may be issued under an applicable warrant agreement that we enter into with a warrant agent. We will indicate the name and address of the warrant agent, if applicable, in the prospectus supplement relating to the particular series of warrants being offered.

Debt Securities. We may issue debt securities from time to time, in one or more series, as either senior or subordinated debt or as senior or subordinated convertible debt. The senior debt securities will rank equally with any other unsecured and unsubordinated debt. The subordinated debt securities will be subordinate and junior in right of payment, to the extent and in the manner described in the instrument governing the debt, to all of our senior indebtedness. Convertible debt securities will be convertible into or exchangeable for our common stock or other securities. Conversion may be mandatory or at your option and would be at prescribed conversion rates.

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The debt securities will be issued under one or more documents called indentures, which are contracts between us and a national banking association or other eligible party, as trustee. In this prospectus, we have summarized certain general features of the debt securities. We urge you, however, to read the applicable prospectus supplement (and any free writing prospectus that we may authorize to be provided to you) related to the series of debt securities being offered, as well as the complete indentures that contain the terms of the debt securities. Forms of indentures have been filed as exhibits to the registration statement of which this prospectus is a part, and supplemental indentures and forms of debt securities containing the terms of the debt securities being offered will be filed as exhibits to the registration statement of which this prospectus is a part or will be incorporated by reference from reports that we file with the SEC.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of earnings to fixed charges for the periods indicated:

	Fiscal Year Ended December 31,					Three Months Ended
						March 31,
	2005	2006	2007	2008	2009	2010
Ratio of earnings to fixed charges						

For the purpose of this table, earnings consist of income (loss) from continuing operations before income taxes, extraordinary items, cumulative effect of accounting changes, equity in net losses of affiliates and fixed charges. Fixed charges consist of interest expense. For the fiscal years ended December 31, 2005, 2006, 2007, 2008 and 2009, and the three months ended March 31, 2010, we had no earnings. Our earnings for those periods were insufficient to cover fixed charges by \$114.3 million, \$230.5 million, \$293.2 million, \$303.0 million, \$220.1 million, and \$44.7 million, respectively.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

Statements contained in this prospectus, in the documents incorporated by reference herein and in any prospectus supplement that are not strictly historical in nature are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These forward-looking statements are subject to the safe harbor created by Section 27A of the Securities Act and Section 21E of the Exchange Act and may include, but are not limited to, statements about:

the progress, timing and results of clinical trials and research and development efforts involving our product candidates;

the submission of applications for and receipt of regulatory clearances and approvals;

our ability to successfully protect our intellectual property;

our plans to conduct future clinical trials or research and development efforts;

our expectations about partnering, marketing and commercializing our product candidates; and

economic conditions, both generally and those specifically related to the biotechnology industry.

In some cases, you can identify forward-looking statements by terms such as anticipates, believes, could, estimates, expects, goal, intent, plans, potential, predicts, projects, should, will, would, the negative of these words and words or similar expressions intended to identify forward-looking statements. These statements reflect our views as of the date on which they were made with respect to future events and are based on assumptions and subject to risks and uncertainties. The underlying information and expectations are likely to change over time. Given these uncertainties, you should not place undue reliance on these forward-looking statements as actual events or results may differ materially from those projected in the forward-looking statements due to various factors, including, but not limited to, those set forth under the heading Risk Factors in any applicable prospectus supplement or free writing prospectus and in our SEC filings. These forward-looking statements represent our estimates and assumptions only as of the date of the document containing the applicable statement.

You should rely only on the information contained, or incorporated by reference, in this prospectus, the registration statement of which this prospectus is a part, the documents incorporated by reference herein, and any applicable prospectus supplement or free writing prospectus and understand that our actual future results may be materially different from what we expect. We qualify all of the forward-looking statements in the foregoing documents by these cautionary statements. Unless required by law, we undertake no obligation to update or revise any forward-looking statements to reflect new information or future events or developments. Thus, you should not assume that our silence over time means that actual events are bearing out as expressed or implied in such forward-looking statements. Before deciding to purchase our securities, you should carefully consider the risk factors discussed here or incorporated by reference, in addition to the other information set forth in this prospectus, any accompanying prospectus supplement or free writing prospectus and in the documents incorporated by reference.

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USE OF PROCEEDS

Except as described in any prospectus supplement or in any related free writing prospectus that we may authorize to be provided to you, we currently intend to use the net proceeds from this offering for general corporate purposes, including clinical trial expenses, research and development expenses, general and administrative expenses, repayment of outstanding indebtedness, manufacturing expenses, and other expenses related to commercialization of AFREZZA. We may also use a portion of the net proceeds to in-license, invest in or acquire businesses or technologies that we believe are complementary to our own, although we have no current plans, commitments or agreements with respect to any acquisitions. As of the date of this prospectus, we cannot specify with certainty all of the particular uses of the proceeds from this offering. Accordingly, we will retain broad discretion over the use of such proceeds. Pending the use of the net proceeds from this offering as described above, we intend to invest the net proceeds in investment-grade, interest-bearing securities.

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DESCRIPTION OF COMMON STOCK

Our authorized capital stock consists of 150,000,000 shares of common stock, \$0.01 par value, and 10,000,000 shares of preferred stock, \$0.01 par value. At our annual meeting of stockholders scheduled for June 10, 2010, we are seeking approval of an amendment to our certificate of incorporation to increase the authorized number of shares of common stock from 150,000,000 shares to 200,000,000 shares. As of April 21, 2010, there were 113,454,807 shares of common stock outstanding and no shares of preferred stock outstanding.

Voting Rights

Each holder of our common stock is entitled to one vote for each share on all matters submitted to a vote of our stockholders, including the election of our directors. Under our certificate of incorporation and bylaws, our stockholders will not have cumulative voting rights. Accordingly, the holders of a majority of our outstanding shares of common stock entitled to vote in any election of directors can elect all of the directors standing for election, if they should so choose. In all other matters, an action by our common stockholders requires the affirmative vote of the holders of a majority of our outstanding shares of common stock entitled to vote.

Dividends

Subject to preferences that may be applicable to any outstanding shares of our preferred stock, holders of our common stock are entitled to receive ratably any dividends our board of directors declares out of funds legally available for that purpose. Any dividends on our common stock will be non-cumulative.

Liquidation, Dissolution or Winding Up

If we liquidate, dissolve or wind up, the holders of our common stock are entitled to share ratably in all assets legally available for distribution to our stockholders after the payment of all of our debts and other liabilities and the satisfaction of any liquidation preference granted to the holders of any outstanding shares of our preferred stock.

Rights and Preferences

Our common stock has no preemptive, conversion or subscription rights. There are no redemption or sinking fund provisions applicable to our common stock. The rights, preferences and privileges of the holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of any outstanding shares of our preferred stock, which we may designate and issue in the future.

Anti-Takeover Effects of Provisions of Delaware Law and Our Certificate of Incorporation and Bylaws

Delaware takeover statute

We are subject to Section 203 of the Delaware General Corporation Law, or DGCL, which regulates acquisitions of some Delaware corporations. In general, Section 203 prohibits, with some exceptions, a publicly held Delaware corporation from engaging in a business combination with an interested stockholder for a period of three years following the date of the transaction in which the person became an interested stockholder, unless:

the board of directors of the corporation approved the business combination or the other transaction in which the person became an interested stockholder prior to the date of the business combination or other transaction;

upon consummation of the transaction that resulted in the person becoming an interested stockholder, the person owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding shares owned by persons who are directors and also officers of the corporation and shares issued under employee stock plans under which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or

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on or subsequent to the date the person became an interested stockholder, the board of directors of the corporation approved the business combination and the stockholders of the corporation authorized the business combination at an annual or special meeting of stockholders by the affirmative vote of at least 66²/₃% of the outstanding stock of the corporation not owned by the interested stockholder.

Section 203 of the DGCL generally defines a business combination to include any of the following:

any merger or consolidation involving the corporation and the interested stockholder;

any sale, transfer, pledge or other disposition of 10% or more of the corporation's assets or outstanding stock involving the interested stockholder;

in general, any transaction that results in the issuance or transfer by the corporation of any of its stock to the interested stockholder;

any transaction involving the corporation that has the effect of increasing the proportionate share of its stock owned by the interested stockholder; or

the receipt by the interested stockholder of the benefit of any loans, advances, guarantees, pledges or other financial benefits provided by or through the corporation.

In general, Section 203 defines an interested stockholder as any person who, together with the person's affiliates and associates, owns, or within three years prior to the determination of interested stockholder status did own, 15% or more of a corporation's voting stock.

Section 203 of the DGCL could depress our stock price and delay, discourage or prohibit transactions not approved in advance by our board of directors, such as takeover attempts that might otherwise involve the payment to our stockholders of a premium over the market price of our common stock.

Certificate of incorporation and bylaw provisions

Our certificate of incorporation and bylaws include a number of provisions that may have the effect of deterring hostile takeovers or delaying or preventing changes in our control or our management, including, but not limited to the following:

Our board of directors can issue up to 10,000,000 shares of preferred stock with any rights or preferences, including the right to approve or not approve an acquisition or other change in our control.

Our certificate of incorporation and bylaws provide that all stockholder actions must be effected at a duly called meeting of holders and not by written consent.

Our bylaws provide that special meetings of the stockholders may be called only by the Chairman of our board of directors, by our Chief Executive Officer, by our board of directors upon a resolution adopted by a majority of the total number of authorized directors or, under certain limited circumstances, by the holders of at least 5% of our outstanding voting stock.

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Our bylaws provide that stockholders seeking to present proposals before a meeting of stockholders or to nominate candidates for election as directors at a meeting of stockholders must provide timely notice in writing and also specify requirements as to the form and content of a stockholder's notice. These provisions may delay or preclude stockholders from bringing matters before a meeting of our stockholders or from making nominations for directors at a meeting of stockholders, which could delay or deter takeover attempts or changes in our management.

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Our certificate of incorporation provides that, subject to the rights of the holders of any outstanding series of preferred stock, all vacancies, including newly created directorships, may, except as otherwise required by law, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum. In addition, our certificate of incorporation provides that our board of directors may fix the number of directors by resolution.

Our certificate of incorporation does not provide for cumulative voting for directors. The absence of cumulative voting may make it more difficult for stockholders who own an aggregate of less than a majority of our voting stock to elect any directors to our board of directors.

These and other provisions contained in our certificate of incorporation and bylaws are expected to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors. However, these provisions could delay or discourage transactions involving an actual or potential change in control of us or our management, including transactions in which our stockholders might otherwise receive a premium for their shares over market price of our stock and may limit the ability of stockholders to remove our current management or approve transactions that our stockholders may deem to be in their best interests and, therefore, could adversely affect the price of our common stock.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is BNY Mellon Shareowner Services, LLC. Its address is 400 South Hope Street, Suite 400, Los Angeles, California 90071.

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DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock or debt securities in one or more series. We may issue warrants independently or together with common stock or debt securities, and the warrants may be attached to or separate from these securities. While the terms summarized below will apply generally to any warrants that we may offer, we will describe the particular terms of any series of warrants in more detail in the applicable prospectus supplement. The terms of any warrants offered under a prospectus supplement may differ from the terms described below.

We have filed forms of the warrant agreements and forms of warrant certificates containing the terms of the warrants being offered as exhibits to the registration statement of which this prospectus is a part. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the SEC, the form of warrant agreement, including a form of warrant certificate, that describes the terms of the particular series of warrants we are offering before the issuance of the related series of warrants. The following summaries of material provisions of the warrants and the warrant agreements are subject to, and qualified in their entirety by reference to, all the provisions of the warrant agreement and warrant certificate applicable to the particular series of warrants that we may offer under this prospectus. We urge you to read the applicable prospectus supplements related to the particular series of warrants that we may offer under this prospectus, as well as any related free writing prospectuses, and the complete warrant agreements and warrant certificates that contain the terms of the warrants.

General

We will describe in the applicable prospectus supplement the terms of the series of warrants being offered, including:

the offering price and aggregate number of warrants offered;

the currency for which the warrants may be purchased;

if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each such security or each principal amount of such security;

if applicable, the date on and after which the warrants and the related securities will be separately transferable;

in the case of warrants to purchase debt securities, the principal amount of debt securities purchasable upon exercise of one warrant and the price at, and currency in which, this principal amount of debt securities may be purchased upon such exercise;

in the case of warrants to purchase common stock, the number of shares of common stock purchasable upon the exercise of one warrant and the price at which these shares may be purchased upon such exercise;

the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreements and the warrants;

the terms of any rights to redeem or call the warrants;

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any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;

the dates on which the right to exercise the warrants will commence and expire;

the manner in which the warrant agreements and warrants may be modified;

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a discussion of any material or special United States federal income tax consequences of holding or exercising the warrants;

the terms of the securities issuable upon exercise of the warrants; and

any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

Before exercising their warrants, holders of warrants will not have any of the rights of holders of the securities purchasable upon such exercise, including:

in the case of warrants to purchase debt securities, the right to receive payments of principal of, or premium, if any, or interest on, the debt securities purchasable upon exercise or to enforce covenants in the applicable indenture; or

in the case of warrants to purchase common stock, the right to receive dividends, if any, or, payments upon our liquidation, dissolution or winding up or to exercise voting rights, if any.

Exercise of Warrants

Each warrant will entitle the holder to purchase the securities that we specify in the applicable prospectus supplement at the exercise price that we describe in the applicable prospectus supplement. Unless we otherwise specify in the applicable prospectus supplement, holders of the warrants may exercise the warrants at any time up to the specified time on the expiration date that we set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

Holders of the warrants may exercise the warrants by delivering the warrant certificate representing the warrants to be exercised together with specified information, and paying the required amount to the warrant agent in immediately available funds, as provided in the applicable prospectus supplement. We will set forth on the reverse side of the warrant certificate and in the applicable prospectus supplement the information that the holder of the warrant will be required to deliver to the warrant agent.

Upon receipt of the required payment and the warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will issue and deliver the securities purchasable upon such exercise. If fewer than all of the warrants represented by the warrant certificate are exercised, then we will issue a new warrant certificate for the remaining amount of warrants. If we so indicate in the applicable prospectus supplement, holders of the warrants may surrender securities as all or part of the exercise price for warrants.

Governing Law

Unless we provide otherwise in the applicable prospectus supplement, the warrants and warrant agreements will be governed by and construed in accordance with the laws of the State of New York.

Enforceability of Rights by Holders of Warrants

Each warrant agent will act solely as our agent under the applicable warrant agreement and will not assume any obligation or relationship of agency or trust with any holder of any warrant. A single bank or trust company may act as warrant agent for more than one issue of warrants. A warrant agent will have no duty or responsibility in case of any default by us under the applicable warrant agreement or warrant, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a warrant may, without the consent of the related warrant agent or the holder of any other warrant, enforce by appropriate legal action its right to exercise, and receive the securities purchasable upon exercise of, its warrants.

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DESCRIPTION OF DEBT SECURITIES

We may issue debt securities, in one or more series, as either senior or subordinated debt or as senior or subordinated convertible debt. While the terms we have summarized below will apply generally to any debt securities that we may offer under this prospectus, we will describe the particular terms of any debt securities that we may offer in more detail in the applicable prospectus supplement. The terms of any debt securities offered under a prospectus supplement may differ from the terms described below. Unless the context requires otherwise, whenever we refer to the indentures, we also are referring to any supplemental indentures that specify the terms of a particular series of debt securities.

We will issue the senior debt securities under the senior indenture that we will enter into with the trustee named in the senior indenture. We will issue the subordinated debt securities under the subordinated indenture that we will enter into with the trustee named in the subordinated indenture. The indentures will be qualified under the Trust Indenture Act of 1939. We use the term *debenture trustee* to refer to either the trustee under the senior indenture or the trustee under the subordinated indenture, as applicable. We have filed forms of indentures to the registration statement of which this prospectus is a part, and supplemental indentures and forms of debt securities containing the terms of the debt securities being offered will be filed as exhibits to the registration statement of which this prospectus is a part or will be incorporated by reference from reports that we file with the SEC.

The following summaries of material provisions of the senior debt securities, the subordinated debt securities and the indentures are subject to, and qualified in their entirety by reference to, all of the provisions of the indenture applicable to a particular series of debt securities. We urge you to read the applicable prospectus supplements and any related free writing prospectuses related to the debt securities that we may offer under this prospectus, as well as the complete indentures that contain the terms of the debt securities. Except as we may otherwise indicate, the terms of the senior indenture and the subordinated indenture are identical.

General

We will describe in the applicable prospectus supplement the terms of the series of debt securities being offered, including:

the title;

the principal amount being offered, and if a series, the total amount authorized and the total amount outstanding;

any limit on the amount that may be issued;

whether or not we will issue the series of debt securities in global form, the terms and who the depositary will be;

the maturity date;

whether and under what circumstances, if any, we will pay additional amounts on any debt securities held by a person who is not a United States person for tax purposes, and whether we can redeem the debt securities if we have to pay such additional amounts;

the annual interest rate, which may be fixed or variable, or the method for determining the rate and the date interest will begin to accrue, the dates interest will be payable and the regular record dates for interest payment dates or the method for determining such dates;

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whether or not the debt securities will be secured or unsecured, and the terms of any secured debt;

the terms of the subordination of any series of subordinated debt;

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the place where payments will be payable;

restrictions on transfer, sale or other assignment, if any;

our right, if any, to defer payment of interest and the maximum length of any such deferral period;

the date, if any, after which, and the price at which, we may, at our option, redeem the series of debt securities pursuant to any optional or provisional redemption provisions and the terms of those redemption provisions;

the date, if any, on which, and the price at which we are obligated, pursuant to any mandatory sinking fund or analogous fund provisions or otherwise, to redeem, or at the holder's option to purchase, the series of debt securities and the currency or currency unit in which the debt securities are payable;

whether the indenture will restrict our ability and/or the ability of our subsidiaries to:

incur additional indebtedness;

issue additional securities;

create liens;

pay dividends and make distributions in respect of our capital stock and the capital stock of our subsidiaries;

redeem capital stock;

place restrictions on our subsidiaries' ability to pay dividends, make distributions or transfer assets;

make investments or other restricted payments;

sell or otherwise dispose of assets;

enter into sale-leaseback transactions;

engage in transactions with stockholders and affiliates;

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issue or sell stock of our subsidiaries; or

effect a consolidation or merger;

whether the indenture will require us to maintain any interest coverage, fixed charge, cash flow-based, asset-based or other financial ratios;

a discussion of any material United States federal income tax considerations applicable to the debt securities;

information describing any book-entry features;

provisions for a sinking fund purchase or other analogous fund, if any;

the applicability of the provisions in the indenture on discharge;

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whether the debt securities are to be offered at a price such that they will be deemed to be offered at an original issue discount as defined in paragraph (a) of Section 1273 of the Internal Revenue Code;

the denominations in which we will issue the series of debt securities, if other than denominations of \$1,000 and any integral multiple thereof;

the currency of payment of debt securities if other than U.S. dollars and the manner of determining the equivalent amount in U.S. dollars; and

any other specific terms, preferences, rights or limitations of, or restrictions on, the debt securities, including any additional events of default or covenants provided with respect to the debt securities, and any terms that may be required by us or advisable under applicable laws or regulations.

Conversion or Exchange Rights

We will set forth in the prospectus supplement the terms on which a series of debt securities may be convertible into or exchangeable for our common stock or our other securities, if applicable. We will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option. We may include provisions pursuant to which the number of shares of our common stock or our other securities that the holders of the series of debt securities receive would be subject to adjustment.

Consolidation, Merger or Sale

Unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, the indentures will not contain any covenant that restricts our ability to merge or consolidate, or sell, convey, transfer or otherwise dispose of all or substantially all of our assets. However, any successor to or acquirer of such assets must assume all of our obligations under the indentures or the debt securities, as appropriate. If the debt securities are convertible into or exchangeable for our other securities or securities of other entities, the person with whom we consolidate or merge or to whom we sell all of our property must make provisions for the conversion of the debt securities into securities that the holders of the debt securities would have received if they had converted the debt securities before the consolidation, merger or sale.

Events of Default Under the Indenture

Unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, the following are events of default under the indentures with respect to any series of debt securities that we may issue:

if we fail to pay interest when due and payable and our failure continues for 90 days and the time for payment has not been extended or deferred;

if we fail to pay the principal, premium or sinking fund payment, if any, when due and payable and the time for payment has not been extended or delayed;

if we fail to observe or perform any other covenant contained in the debt securities or the indentures, other than a covenant specifically relating to another series of debt securities, and our failure continues for 90 days after we receive notice from the debenture trustee or holders of at least 25% in aggregate principal amount of the outstanding debt securities of the applicable series; and

if specified events of bankruptcy, insolvency or reorganization occur.

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If an event of default with respect to debt securities of any series occurs and is continuing, other than an event of default specified in the last bullet point above, the debenture trustee or the holders of at least 25% in

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aggregate principal amount of the outstanding debt securities of that series, by notice to us in writing, and to the debenture trustee if notice is given by such holders, may declare the unpaid principal of, premium, if any, and accrued interest, if any, due and payable immediately. If an event of default specified in the last bullet point above occurs with respect to us, the principal amount of and accrued interest, if any, of each issue of debt securities then outstanding shall be due and payable without any notice or other action on the part of the debenture trustee or any holder.

The holders of a majority in principal amount of the outstanding debt securities of an affected series may waive any default or event of default with respect to the series and its consequences, except defaults or events of default regarding payment of principal, premium, if any, or interest, unless we have cured the default or event of default in accordance with the indenture. Any waiver shall cure the default or event of default.

Subject to the terms of the indentures, if an event of default under an indenture shall occur and be continuing, the debenture trustee will be under no obligation to exercise any of its rights or powers under such indenture at the request or direction of any of the holders of the applicable series of debt securities, unless such holders have offered the debenture trustee reasonable indemnity. The holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the debenture trustee, or exercising any trust or power conferred on the debenture trustee, with respect to the debt securities of that series, provided that:

the direction so given by the holder is not in conflict with any law or the applicable indenture; and

subject to its duties under the Trust Indenture Act of 1939, the debenture trustee need not take any action that might involve it in personal liability or might be unduly prejudicial to the holders not involved in the proceeding.

A holder of the debt securities of any series will have the right to institute a proceeding under the indentures or to appoint a receiver or trustee, or to seek other remedies only if:

the holder has given written notice to the debenture trustee of a continuing event of default with respect to that series;

the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series have made written request, and such holders have offered reasonable indemnity to the debenture trustee to institute the proceeding as trustee; and

the debenture trustee does not institute the proceeding, and does not receive from the holders of a majority in aggregate principal amount of the outstanding debt securities of that series other conflicting directions within 90 days after the notice, request and offer.

These limitations do not apply to a suit instituted by a holder of debt securities if we default in the payment of the principal, premium, if any, or interest on, the debt securities.

We will periodically file statements with the debenture trustee regarding our compliance with specified covenants in the indentures.

Modification of Indenture; Waiver

We and the debenture trustee may change an indenture without the consent of any holders with respect to specific matters:

to fix any ambiguity, defect or inconsistency in the indenture;

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to comply with the provisions described above under Description of Debt Securities Consolidation, Merger or Sale;

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to comply with any requirements of the SEC in connection with the qualification of any indenture under the Trust Indenture Act of 1939;

to add to, delete from or revise the conditions, limitations, and restrictions on the authorized amount, terms, or purposes of issue, authentication and delivery of debt securities, as set forth in the indenture;

to provide for the issuance of and establish the form and terms and conditions of the debt securities of any series as provided under Description of Debt Securities General to establish the form of any certifications required to be furnished pursuant to the terms of the indenture or any series of debt securities, or to add to the rights of the holders of any series of debt securities;

to evidence and provide for the acceptance of appointment hereunder by a successor trustee;

to provide for uncertificated debt securities in addition to or in place of certificated debt securities and to make all appropriate changes for such purpose;

to add to our covenants such new covenants, restrictions, conditions or provisions for the protection of the holders, and to make the occurrence, or the occurrence and the continuance, of a default in any such additional covenants, restrictions, conditions or provisions an event of default; or

to change anything that does not materially adversely affect the interests of any holder of debt securities of any series. In addition, under the indentures, the rights of holders of a series of debt securities may be changed by us and the debenture trustee with the written consent of the holders of at least a majority in aggregate principal amount of the outstanding debt securities of each series that is affected. However, unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, we and the debenture trustee may make the following changes only with the consent of each holder of any outstanding debt securities affected:

extending the fixed maturity of the series of debt securities;

reducing the principal amount, reducing the rate of or extending the time of payment of interest, or reducing any premium payable upon the redemption of any debt securities; or

reducing the percentage of debt securities, the holders of which are required to consent to any amendment, supplement, modification or waiver.

Discharge

Each indenture provides that we can elect to be discharged from our obligations with respect to one or more series of debt securities, except for specified obligations, including obligations to:

register the transfer or exchange of debt securities of the series;

replace stolen, lost or mutilated debt securities of the series;

maintain paying agencies;

hold monies for payment in trust;

recover excess money held by the debenture trustee;

compensate and indemnify the debenture trustee; and

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appoint any successor trustee.

In order to exercise our rights to be discharged, we must deposit with the debenture trustee money or government obligations sufficient to pay all the principal of, any premium, if any, and interest on, the debt securities of the series on the dates payments are due.

Form, Exchange and Transfer

We will issue the debt securities of each series only in fully registered form without coupons and, unless we provide otherwise in the applicable prospectus supplement, in denominations of \$1,000 and any integral multiple thereof. The indentures provide that we may issue debt securities of a series in temporary or permanent global form and as book-entry securities that will be deposited with, or on behalf of, The Depository Trust Company, or DTC, or another depository named by us and identified in a prospectus supplement with respect to that series. See **Legal Ownership of Securities** for a further description of the terms relating to any book-entry securities.

At the option of the holder, subject to the terms of the indentures and the limitations applicable to global securities described in the applicable prospectus supplement, the holder of the debt securities of any series can exchange the debt securities for other debt securities of the same series, in any authorized denomination and of like tenor and aggregate principal amount.

Subject to the terms of the indentures and the limitations applicable to global securities set forth in the applicable prospectus supplement, holders of the debt securities may present the debt securities for exchange or for registration of transfer, duly endorsed or with the form of transfer endorsed thereon duly executed if so required by us or the security registrar, at the office of the security registrar or at the office of any transfer agent designated by us for this purpose. Unless otherwise provided in the debt securities that the holder presents for transfer or exchange, we will impose no service charge for any registration of transfer or exchange, but we may require payment of any taxes or other governmental charges.

We will name in the applicable prospectus supplement the security registrar, and any transfer agent in addition to the security registrar, that we initially designate for any debt securities. We may at any time designate additional transfer agents or rescind the designation of any transfer agent or approve a change in the office through which any transfer agent acts, except that we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

If we elect to redeem the debt securities of any series, we will not be required to:

issue, register the transfer of, or exchange any debt securities of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of any debt securities that may be selected for redemption and ending at the close of business on the day of the mailing; or

register the transfer of or exchange any debt securities so selected for redemption, in whole or in part, except the unredeemed portion of any debt securities we are redeeming in part.

Information Concerning the Debenture Trustee

The debenture trustee, other than during the occurrence and continuance of an event of default under an indenture, undertakes to perform only those duties as are specifically set forth in the applicable indenture. Upon an event of default under an indenture, the debenture trustee must use the same degree of care as a prudent person would exercise or use in the conduct of his or her own affairs. Subject to this provision, the debenture trustee is under no obligation to exercise any of the powers given it by the indentures at the request of any holder of debt securities unless it is offered reasonable security and indemnity against the costs, expenses and liabilities that it might incur.

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Payment and Paying Agents

Unless we otherwise indicate in the applicable prospectus supplement, we will make payment of the interest on any debt securities on any interest payment date to the person in whose name the debt securities, or one or more predecessor securities, are registered at the close of business on the regular record date for the interest.

We will pay principal of and any premium and interest on the debt securities of a particular series at the office of the paying agents designated by us, except that unless we otherwise indicate in the applicable prospectus supplement, we will make interest payments by check that we will mail to the holder or by wire transfer to certain holders. Unless we otherwise indicate in the applicable prospectus supplement, we will designate the corporate trust office of the debenture trustee in the City of New York as our sole paying agent for payments with respect to debt securities of each series. We will name in the applicable prospectus supplement any other paying agents that we initially designate for the debt securities of a particular series. We will maintain a paying agent in each place of payment for the debt securities of a particular series.

All money we pay to a paying agent or the debenture trustee for the payment of the principal of or any premium or interest on any debt securities that remains unclaimed at the end of two years after such principal, premium or interest has become due and payable will be repaid to us, and the holder of the debt security thereafter may look only to us for payment thereof.

Governing Law

The indentures and the debt securities will be governed by and construed in accordance with the laws of the State of New York, except to the extent that the Trust Indenture Act of 1939 is applicable.

Subordination of Subordinated Debt Securities

The subordinated debt securities will be unsecured and will be subordinate and junior in priority of payment to certain of our other indebtedness to the extent described in a prospectus supplement. The subordinated indenture does not limit the amount of subordinated debt securities that we may issue, nor does it limit us from issuing any other secured or unsecured debt.

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LEGAL OWNERSHIP OF SECURITIES

We can issue securities in registered form or in the form of one or more global securities. We describe global securities in greater detail below. We refer to those persons who have securities registered in their own names on the books that we or any applicable trustee, depository or warrant agent maintain for this purpose as the holders of those securities. These persons are the legal holders of the securities. We refer to those persons who, indirectly through others, own beneficial interests in securities that are not registered in their own names, as indirect holders of those securities.

As we discuss below, indirect holders are not legal holders, and investors in securities issued in book-entry form or in street name will be indirect holders.

Book-Entry Holders

We may issue securities in book-entry form only, as we will specify in the applicable prospectus supplement. This means securities may be represented by one or more global securities registered in the name of a financial institution that holds them as depository on behalf of other financial institutions that participate in the depository's book-entry system. These participating institutions, which are referred to as participants, in turn hold beneficial interests in the securities on behalf of themselves or their customers.

Only the person in whose name a security is registered is recognized as the holder of that security. Securities issued in global form will be registered in the name of the depository or its participants. Consequently, for securities issued in global form, we will recognize only the depository as the holder of the securities, and we will make all payments on the securities to the depository. The depository passes along the payments it receives to its participants, which in turn pass the payments along to their customers who are the beneficial owners. The depository and its participants do so under agreements they have made with one another or with their customers; they are not obligated to do so under the terms of the securities.

As a result, investors in a book-entry security will not own securities directly. Instead, they will own beneficial interests in a global security, through a bank, broker or other financial institution that participates in the depository's book-entry system or holds an interest through a participant. As long as the securities are issued in global form, investors will be indirect holders, and not holders, of the securities.

Street Name Holders

We may terminate a global security or issue securities in non-global form. In these cases, investors may choose to hold their securities in their own names or in street name. Securities held by an investor in street name would be registered in the name of a bank, broker or other financial institution that the investor chooses, and the investor would hold only a beneficial interest in those securities through an account he or she maintains at that institution.

For securities held in street name, we will recognize only the intermediary banks, brokers and other financial institutions in whose names the securities are registered as the holders of those securities, and we will make all payments on those securities to them. These institutions pass along the payments they receive to their customers who are the beneficial owners, but only because they agree to do so in their customer agreements or because they are legally required to do so. Investors who hold securities in street name will be indirect holders, not holders, of those securities.

Legal Holders

Our obligations, as well as the obligations of any applicable trustee and of any third parties employed by us or a trustee, run only to the legal holders of the securities. We do not have obligations to investors who hold beneficial interests in global securities, in street name or by any other indirect means. This will be the case

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whether an investor chooses to be an indirect holder of a security or has no choice because we are issuing the securities only in global form.

For example, once we make a payment or give a notice to the holder, we have no further responsibility for the payment or notice even if that holder is required, under agreements with depository participants or customers or by law, to pass it along to the indirect holders but does not do so. Similarly, we may want to obtain the approval of the holders to amend an indenture, to relieve us of the consequences of a default or of our obligation to comply with a particular provision of the indenture or for other purposes. In such an event, we would seek approval only from the holders, and not the indirect holders, of the securities. Whether and how the holders contact the indirect holders is up to the holders.

Special Considerations for Indirect Holders

If you hold securities through a bank, broker or other financial institution, either in book-entry form or in street name, you should check with your own institution to find out:

how it handles securities payments and notices;

whether it imposes fees or charges;

how it would handle a request for the holders' consent, if ever required;

whether and how you can instruct it to send you securities registered in your own name so you can be a holder, if that is permitted in the future;

how it would exercise rights under the securities if there were a default or other event triggering the need for holders to act to protect their interests; and

if the securities are in book-entry form, how the depository's rules and procedures will affect these matters.

Global Securities

A global security is a security that represents one or any other number of individual securities held by a depository. Generally, all securities represented by the same global securities will have the same terms.

Each security issued in book-entry form will be represented by a global security that we deposit with and register in the name of a financial institution or its nominee that we select. The financial institution that we select for this purpose is called the depository. Unless we specify otherwise in the applicable prospectus supplement, DTC will be the depository for all securities issued in book-entry form.

A global security may not be transferred to or registered in the name of anyone other than the depository, its nominee or a successor depository, unless special termination situations arise. We describe those situations below under "Special Situations When a Global Security Will Be Terminated." As a result of these arrangements, the depository, or its nominee, will be the sole registered owner and holder of all securities represented by a global security, and investors will be permitted to own only beneficial interests in a global security. Beneficial interests must be held by means of an account with a broker, bank or other financial institution that in turn has an account with the depository or with another institution that does. Thus, an investor whose security is represented by a global security will not be a holder of the security, but only an indirect holder of a beneficial interest in the global security.

If the prospectus supplement for a particular security indicates that the security will be issued in global form only, then the security will be represented by a global security at all times unless and until the global

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security is terminated. If termination occurs, we may issue the securities through another book-entry clearing system or decide that the securities may no longer be held through any book-entry clearing system.

Special Considerations for Global Securities

As an indirect holder, an investor's rights relating to a global security will be governed by the account rules of the investor's financial institution and of the depository, as well as general laws relating to securities transfers. We do not recognize an indirect holder as a holder of securities and instead deal only with the depository that holds the global security.

If securities are issued only in the form of a global security, an investor should be aware of the following:

An investor cannot cause the securities to be registered in his or her name and cannot obtain non-global certificates for his or her interest in the securities, except in the special situations we describe below.

An investor will be an indirect holder and must look to his or her own bank or broker for payments on the securities and protection of his or her legal rights relating to the securities, as we describe above.

An investor may not be able to sell interests in the securities to some insurance companies and to other institutions that are required by law to own their securities in non-book-entry form.

An investor may not be able to pledge his or her interest in a global security in circumstances where certificates representing the securities must be delivered to the lender or other beneficiary of the pledge in order for the pledge to be effective.

The depository's policies, which may change from time to time, will govern payments, transfers, exchanges and other matters relating to an investor's interest in a global security. We and any applicable trustee have no responsibility for any aspect of the depository's actions or for its records of ownership interests in a global security. We and the trustee also do not supervise the depository in any way.

The depository may, and we understand that DTC will, require that those who purchase and sell interests in a global security within its book-entry system use immediately available funds, and your broker or bank may require you to do so as well.

Financial institutions that participate in the depository's book-entry system, and through which an investor holds its interest in a global security, may also have their own policies affecting payments, notices and other matters relating to the securities. There may be more than one financial intermediary in the chain of ownership for an investor. We do not monitor and are not responsible for the actions of any of those intermediaries.

Special Situations when a Global Security Will Be Terminated

In a few special situations described below, the global security will terminate, and interests in it will be exchanged for physical certificates representing those interests. After that exchange, the choice of whether to hold securities directly or in street name will be up to the investor. Investors must consult their own banks or brokers to find out how to have their interests in securities transferred to their own name, so that they will be direct holders. We have described the rights of holders and street name investors above.

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The global security will terminate when the following special situations occur:

if the depositary notifies us that it is unwilling, unable or no longer qualified to continue as depositary for that global security and we do not appoint another institution to act as depositary within 90 days;

if we notify any applicable trustee that we wish to terminate that global security; or

if an event of default has occurred with regard to securities represented by that global security and has not been cured or waived.

The applicable prospectus supplement may also list additional situations for terminating a global security that would apply only to the particular series of securities covered by the prospectus supplement. When a global security terminates, the depositary, and not we or any applicable trustee, is responsible for deciding the names of the institutions that will be the initial direct holders.

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PLAN OF DISTRIBUTION

We may sell our securities covered by this prospectus in any of three ways (or in any combination):

to or through underwriters or dealers;

directly to one or more purchasers; or

through agents.

We may distribute the securities:

from time to time in one or more transactions at a fixed price or prices, which may be changed from time to time;

at market prices prevailing at the time of sale;

at prices related to the prevailing market prices; or

at negotiated prices.

Each time we offer and sell securities covered by this prospectus, we will provide a prospectus supplement or supplements that will describe the method of distribution and set forth the terms of the offering, including:

the name or names of any underwriters, dealers or agents;

the amounts of securities underwritten or purchased by each of them;

the purchase price of securities and the proceeds we will receive from the sale;

any over-allotment options under which underwriters may purchase additional securities from us;

any underwriting discounts or commissions or agency fees and other items constituting underwriters' or agents' compensation;

the public offering price of the securities;

any discounts, commissions or concessions allowed or reallowed or paid to dealers; and

any securities exchange or market on which the securities may be listed.

Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time. We may determine the price or other terms of the securities offered under this prospectus by use of an electronic auction. We will describe how any auction will determine the price or any other terms, how potential investors may participate in the auction and the nature of the obligations of the underwriter, dealer or agent in the applicable prospectus supplement.

Underwriters or dealers may offer and sell the offered securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. If underwriters or dealers are used in the sale of any securities, the securities will be acquired by the underwriters or dealers for their own account and may be resold from time to time in one or more transactions described above. The securities may be either offered to the public through underwriting syndicates represented

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by managing underwriters, or directly by underwriters or dealers. Generally, the underwriters or dealers obligations to purchase the securities will be subject to certain conditions precedent. The underwriters or dealers will be obligated to purchase all of the securities if they purchase any of the securities, unless otherwise specified in the prospectus supplement. We may use underwriters with whom we have a material relationship. We will describe the nature of any such relationship in the prospectus supplement, naming the underwriter.

We may sell the securities through agents from time to time. The prospectus supplement will name any agent involved in the offer or sale of the securities and any commissions we pay to them. Generally, any agent will be acting on a best efforts basis for the period of its appointment. We may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The contracts will be subject only to those conditions set forth in the prospectus supplement, and the prospectus supplement will set forth any commissions we pay for solicitation of these contracts.

Agents, dealers and underwriters may be entitled to indemnification by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments which the agents, dealers or underwriters may be required to make in respect thereof. Agents, dealers and underwriters may be customers of, engage in transactions with, or perform services for us in the ordinary course of business.

All securities we may offer, other than common stock, will be new issues of securities with no established trading market. Any underwriters may make a market in these securities, but will not be obligated to do so and may discontinue any market making at any time without notice. We cannot guarantee the liquidity of the trading markets for any securities.

Any underwriter may engage in over-allotment, stabilizing transactions, short covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. This short sales position may involve either covered short sales or naked short sales. Covered short sales are short sales made in an amount not greater than the underwriters over-allotment option to purchase additional securities in this offering described above. The underwriters may close out any covered short position either by exercising their over-allotment option or by purchasing securities in the open market. To determine how they will close the covered short position, the underwriters will consider, among other things, the price of securities available for purchase in the open market, as compared to the price at which they may purchase securities through the over-allotment option. Naked short sales are short sales in excess of the over-allotment option. The underwriters must close out any naked short position by purchasing securities in the open market. A naked short position is more likely to be created if the underwriters are concerned that, in the open market after pricing, there may be downward pressure on the price of the securities that could adversely affect investors who purchase securities in this offering. Stabilizing transactions permit bids to purchase the underlying security for the purpose of fixing the price of the security so long as the stabilizing bids do not exceed a specified maximum. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a covering transaction to cover short positions.

Similar to other purchase transactions, an underwriter's purchase to cover the syndicate short sales or to stabilize the market price of our securities may have the effect of raising or maintaining the market price of our securities or preventing or mitigating a decline in the market price of our securities. As a result, the price of our securities may be higher than the price that might otherwise exist in the open market. The imposition of a penalty bid might also have an effect on the price of the securities if it discourages resales of the securities.

Neither we nor the underwriters makes any representation or prediction as to the effect that the transactions described above may have on the price of the securities. If such transactions are commenced, they may be discontinued without notice at any time.

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LEGAL MATTERS

The validity of the securities being offered hereby will be passed upon for us by Cooley LLP, San Diego, California.

EXPERTS

The financial statements incorporated in this Prospectus by reference from the Company's Annual Report on Form 10-K and the effectiveness of MannKind Corporation's internal control over financial reporting have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such financial statements and financial statement schedules have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We are a reporting company and file annual, quarterly and current reports, proxy statements and other information with the SEC. We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities we are offering under this prospectus. This prospectus, which constitutes a part of the registration statement, does not contain all of the information set forth in the registration statement or the exhibits which are part of the registration statement. For further information with respect to us and the securities we are offering under this prospectus, we refer you to the registration statement and the exhibits and schedules filed as a part of the registration statement. You may read and copy any document we file with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for more information about the operation of the Public Reference Room. Our SEC filings are also available at the SEC's website at www.sec.gov. We maintain a website at www.mannkindcorp.com. Information contained in our website does not constitute a part of this prospectus.

INCORPORATION BY REFERENCE

The SEC allows us to incorporate by reference information that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, while information that we file later with the SEC will automatically update and supersede the information in this prospectus. We incorporate by reference into this registration statement and prospectus the documents listed below, and any future filings we will make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of the initial registration statement but prior to effectiveness of the registration statement and after the date of this prospectus but prior to the termination of the offering of the securities covered by this prospectus (other than current reports or portions thereof furnished under Item 2.02 or Item 7.01 of Form 8-K):

our Annual Report on Form 10-K for the year ended December 31, 2009, which was filed on March 16, 2010;

our Quarterly Report on Form 10-Q for the quarter ended March 31, 2010, which was filed on April 30, 2010;

our Current Report on Form 8-K filed on March 1, 2010;

our Definitive Proxy Statement on Schedule 14A, which was filed on April 30, 2010; and

the description of our common stock set forth in our registration statement on Form 8-A, filed with the SEC on July 23, 2004, including any amendments or reports filed for the purposes of updating this description.

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We will furnish without charge to you, on written or oral request, a copy of any or all of the documents incorporated by reference, including exhibits to these documents. You should direct any requests for documents to:

Investor Relations

MannKind Corporation

28903 North Avenue Paine

Valencia, CA 91355

(661) 775-5300

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\$50,000,000

Units Consisting of

One Share of Common Stock and

A Warrant to Purchase 0.6 of a Share of Common Stock

PROSPECTUS SUPPLEMENT

Joint Book-Running Managers

Jefferies

Cowen and Company

Piper Jaffray

February , 2012.