

NovaBay Pharmaceuticals, Inc.
Form S-3/A
April 14, 2015

As filed with the Securities and Exchange Commission on April 14, 2015

Registration No. 333-203112

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3/A

Amendment No. 1

REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

NovaBay Pharmaceuticals, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or jurisdiction of incorporation
or organization)

68-0454536

(I.R.S. Employee Identification No.)

**5980 Horton Street, Suite 550
Emeryville, CA 94608
(510) 899-8800**

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

**Ramin ("Ron") Najafi, Ph.D.
Chief Executive Officer
5980 Horton Street, Suite 550
Emeryville, CA 94608
(510) 899-8800**

(Name, address and telephone number of agent for service)

Copies to:

**Brett D. White, Esq.
Cooley LLP
3175 Hanover Street**

Palo Alto, CA 94304-1130

(650) 843-5000

Approximate date of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

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If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

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

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

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

| | |
|---|---------------------------|
| Large accelerated filer | Accelerated filer |
| Non-accelerated filer | |
| (Do not check if a smaller reporting company) | Smaller reporting company |

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

The information in this prospectus is not complete and may be changed. The Selling Securityholders may not sell these securities until the Securities and Exchange Commission declares our registration statement effective. This prospectus is not an offer to sell these securities and is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, Dated April 14, 2015

PRELIMINARY PROSPECTUS

25,687,128 Shares

Common Stock

This prospectus relates to the disposition from time to time of up to 25,687,128 shares of our common stock, which includes 16,413,796 shares of our common stock issuable upon the exercise of warrants. We are not selling any common stock under this prospectus and will not receive any of the proceeds from the sale of shares by the Selling Securityholders. We provide more information about the Selling Securityholders in the section entitled "Selling Securityholders" on page 2.

The Selling Securityholders may sell the shares of common stock described in this prospectus in a number of different ways and at varying prices. We provide more information about how the Selling Securityholders may sell their shares of common stock in the section entitled "Plan of Distribution" on page 5 of this prospectus. We will not be paying any underwriting discounts or commissions with this offering.

Our common stock is traded on the NYSE MKT under the symbol "NBV." On April 13, 2015, the reported closing price of the common stock was \$0.91 per share.

An investment in shares offered hereby involves a high degree of risk. You should review carefully the risks and uncertainties incorporated by reference herein under the heading “Risk Factors” on page 2 of this prospectus, and under similar headings in the other documents that are filed after the date hereof and incorporated by reference into this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2015.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or SEC, using the “shelf” registration process. Under this process, the Selling Securityholders may from time to time, in one or more offerings, sell the common stock described in this prospectus.

You should rely only on the information contained in or incorporated by reference into this prospectus (as supplemented and amended). We have not, and the Selling Securityholders have not, authorized anyone to provide you with information different from that contained in this prospectus. This document may only be used where it is legal to sell these securities. The information contained in this prospectus (and in any supplement or amendment to this prospectus) is accurate only as of the date on the front of the document, and 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 or any sale of our common stock. Our business, financial condition, results of operations

and prospects may have changed since those dates.

We urge you to read carefully this prospectus (as supplemented and amended), together with the information incorporated herein by reference as described under the heading "Incorporation by Reference" before deciding whether to invest in any of the common stock being offered.

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PROSPECTUS SUMMARY

This summary highlights selected information contained elsewhere in this prospectus or incorporated by reference in this prospectus, and does not contain all of the information that you need to consider in making your investment decision. You should carefully read the entire prospectus (as supplemented and amended), including the financial data and related notes, risk factors and other information incorporated by reference in this prospectus, before making an investment decision. Unless otherwise mentioned or unless the context requires otherwise, all references in this prospectus to “NovaBay,” “the company,” “we,” “us,” “our” or similar references mean NovaBay Pharmaceuticals, Inc.

NovaBay Pharmaceuticals, Inc.

NovaBay Pharmaceuticals, Inc. is a biopharmaceutical company focused on addressing the unmet therapeutic needs of the global, topical anti-infective market with two distinct product categories: (1) our three commercial products containing Neutrox™ (our proprietary, manufactured pure hypochlorous acid solution), namely, Avenova™ (previously known as i-Lid Cleanser) for the eye care market, NeutroPhase® for wound care, and CelleRx™ for the dermatology market; and (2) our clinical stage Aganocide® compounds.

We were incorporated under the laws of the State of California on January 19, 2000, as NovaCal Pharmaceuticals, Inc., and subsequently changed our name to NovaBay Pharmaceuticals, Inc. In June 2010, we changed the state in which we are incorporated, which we refer to as the Reincorporation, and are now incorporated under the laws of the State of Delaware. All references to “we,” “us,” “our,” or “the Company” herein refer to the California corporation prior to the date of the Reincorporation, and to the Delaware corporation on and after the date of the Reincorporation.

NovaBay®, NovaBay Pharma®, Avenova™, NeutroPhase®, CelleRx®, AgaNase®, Aganocide®, AgaDerm®, Neutrox™ and Going Beyond Antibiotics™ are trademarks of NovaBay Pharmaceuticals, Inc. All other trademarks and trade names are the property of their respective owners. For further information regarding us and our financial information, you should refer to our recent filings with the Securities and Exchange Commission (the “SEC”). See “Where You Can Find More Information” and “Incorporation of Certain Documents by Reference.”

The Offering

This prospectus relates to the resale by the Selling Securityholders listed in this prospectus of up to 25,687,128 shares of our common stock, 16,413,796 shares of which are issuable upon the exercise of warrants held by the Selling Securityholders. Our common stock is currently listed on The NYSE MKT under the symbol "NBY." All of the shares, if sold, will be sold by the Selling Securityholders. Such Selling Securityholders may sell their shares of our common stock from time to time at market prices prevailing at the time of sale, at prices related to the prevailing market price, or at negotiated prices. We will not receive any of the proceeds from the sale of the shares by the Selling Securityholders. In the case, however, of warrants issued to the Selling Securityholders on March 6, 2015, upon a cash exercise of the warrants by the Selling Securityholders, we will receive, for each share of common stock exercised, the exercise price of \$0.60 for short-term warrants and \$0.65 for long-term warrants. If the warrants are exercised in a cashless exercise, we will not receive any proceeds from the exercise of the warrants.

RISK FACTORS

An investment in our common stock involves a high degree of risk. Prior to making a decision about investing in our common stock, you should consider carefully the specific risk factors discussed in the sections entitled “Risk Factors” contained in our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q, as filed with the SEC, which are incorporated in this prospectus by reference in their entirety, as well as any amendment or updates to our risk factors reflected in subsequent filings with the SEC, including any prospectus supplement hereto. 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 additional risks and uncertainties actually occur, our business, financial condition, results of operations and cash flow could be materially and adversely affected. In that case, the trading price of our common stock could decline and you might lose all or part of your investment.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

The statements in this prospectus contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, which are subject to a number of risks and uncertainties. All statements that are not historical facts are forward-looking statements, including statements about our product candidates, market opportunities, competition, strategies, anticipated trends and challenges in our business and the markets in which we operate, and anticipated expenses and capital requirements. These statements appear in a number of places and can be identified by the use of forward-looking terminology such as “may,” “will,” “should,” “expect,” “plan,” “anticipate,” “believe,” “estimate,” “predict,” “future,” “intend,” or “certain” or the negative of these terms or other variations or comparable terminology, or by discussions of strategy.

Our actual results may differ materially from the results expressed or implied by these forward-looking statements because of the risk factors and other factors disclosed in this prospectus and documents incorporated by reference. The risk factors may not be all of the factors that could cause actual results to vary materially from the forward-looking statements. The forward-looking statements made or incorporated in this prospectus relate only to circumstances as of the date on which the statements are made. Readers should not place undue reliance on these forward-looking statements and are cautioned that any such forward-looking statements are not guarantees of future performance.

Except as required by law, we assume no obligation to update these forward-looking statements publicly, or to update the reasons actual results could differ materially from those anticipated in these forward-looking statements, even if new information becomes available in the future.

USE OF PROCEEDS

We will not receive any of the proceeds from the sale of shares of our common stock by the Selling Securityholders pursuant to this prospectus. A portion of the shares covered by this prospectus are issuable upon exercise of the warrants to purchase our common stock. Upon any exercise of the warrants for cash, the Selling Securityholders would pay us the exercise price of the warrants. The cash exercise price of the short-term warrants (9,273,322 shares) and the long-term warrants (7,140,464 shares) is \$0.60 and \$0.65, respectively, per share of our common stock. Under certain conditions set forth in the warrants, the warrants are exercisable on a cashless basis. If the warrants are exercised on a cashless basis, we would not receive any cash payment from the Selling Securityholders upon any exercise of the warrants.

SELLING SECURITYHOLDERS

On March 3, 2015, we entered into a definitive securities purchase agreement with the Selling Securityholders, pursuant to which we issued and sold an aggregate of 9,273,332 immediately separable units. Each unit comprises one share of our common stock, a warrant with a 5-year term to purchase three-fourths of a share of our common stock and a warrant with a 15-month term to purchase one share of our common stock, for an aggregate purchase price of \$4,928,999.20. On March 6, 2015, we entered into a registration rights agreement with the Selling Securityholders, pursuant to which we agreed to file the registration statement, of which this prospectus is a part, to cover the resale of the shares issued to the Selling Securityholders, and to keep such registration statement effective until the earlier of the date (i) on which all of the 25,687,128 shares registered for resale have been sold under this registration statement or pursuant to Rule 144 under the Securities Act, or Rule 144, or (ii) on the date that all of the 25,687,128 shares can be sold publicly without restriction or limitation under Rule 144.

We are registering the resale of the shares issued pursuant to the registration right agreement to permit each of the Selling Securityholders identified below, or their permitted transferees or other successors-in-interest that may be identified in a supplement to this prospectus or, if required, a post-effective amendment to the registration statement of which this prospectus is a part, to resell or otherwise dispose of the shares in the manner contemplated under “Plan of Distribution” in this prospectus (as may be supplemented and amended). This prospectus covers the sale or other disposition by the Selling Securityholders of up to the total number of shares of common stock issued to the Selling Securityholders pursuant to the securities purchase agreement. Throughout this prospectus, when we refer to the shares of our common stock being registered on behalf of the Selling Securityholders, we are referring to the shares issued to the Selling Securityholders pursuant to the securities purchase agreement, and when we refer to the Selling Securityholders in this prospectus, we are referring to the purchasers under the securities purchase agreement and, as applicable, their permitted transferees or other successors-in-interest that may be identified in a supplement to this prospectus or, if required, a post-effective amendment to the registration statement of which this prospectus is a part.

The Selling Securityholders may sell some, all or none of their shares. We do not know how long the Selling Securityholders will hold the shares before selling them, and we currently have no agreements, arrangements or understandings with the Selling Securityholders regarding the sale or other disposition of any of the shares. The shares covered hereby may be offered from time to time by the Selling Securityholders.

The following table sets forth the name of each Selling Securityholder, the number and percentage of our common stock beneficially owned by the Selling Securityholders as of March 20, 2015, the number of shares that may be offered under this prospectus, and the number and percentage of our common stock beneficially owned by the Selling Securityholders assuming all of the shares covered hereby are sold. Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to our common stock. Generally, a person “beneficially owns” shares of our common stock if the person has or shares with others the right to vote those shares or to dispose of them, or if the person has the right to acquire voting or disposition rights within 60 days. In this regard, solely for purposes of the following table, we have assumed that the Warrants will be exercisable for shares of our common stock within 60 days of March 20, 2015, even though the Warrants are not exercisable until September 6, 2015.

All information contained in the table below and the footnotes thereto is based upon information provided to us by the Selling Securityholders. The information in the table below and the footnotes thereto regarding shares of common stock to be beneficially owned after the offering assumes the sale of all shares being offered by the Selling Securityholders under this prospectus. The percentage of shares owned prior to and after the offering is based on 62,130,261 shares of common stock outstanding as of March 25, 2015. Unless otherwise indicated in the footnotes to this table, we believe that each of the Selling Securityholders named in this table has sole voting and investment power with respect to the shares of common stock indicated as beneficially owned.

The following table sets forth:

the name of each of the Selling Securityholders;

the number of shares of our common stock owned by each such Selling Securityholder prior to this offering;

the number of shares of our common stock being offered pursuant to this prospectus;

the number of shares of our common stock owned upon completion of this offering; and

the percentage (if one percent or more) of common stock owned by each such Selling Securityholder after this offering.

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| Name of Selling Securityholder | Shares of Common Stock Owned Prior to Offering(1) | Shares of Common Stock Being Offered | Shares of Common Stock Owned After Offering | % of Common Stock After Offering |
|---|---|--------------------------------------|---|----------------------------------|
| Brio Capital Master Fund Ltd. | 1,925,000 | 1,925,000(2) | 0 | 0 |
| Anson Investments Master Fund LP | 2,750,000 | 2,750,000(3) | 0 | 0 |
| Equitec Specialists, LLC | 1,650,000 | 1,650,000(4) | 0 | 0 |
| Pioneer Pharma (Singapore) Pte. Ltd. | 14,236,312 | 7,122,500(5) | 7,113,812 | 11.5% |
| Alpha Capital Anstalt | 1,375,000 | 1,375,000(6) | 0 | 0 |
| Lincoln Park Capital Fund, LLC | 2,750,000 | 2,750,000(7) | 0 | 0 |
| Ellis International LP | 825,000 | 825,000(8) | 0 | 0 |
| Iroquois Master Fund Ltd. | 2,280,000 | 1,100,000(9) | 1,180,000 | 1.9% |
| Iroquois Capital Investment Group LLC | 412,500 | 412,500(10) | 0 | 0 |
| Capital Ventures International | 1,100,000 | 1,100,000(11) | 0 | 0 |
| BMO Nesbitt Burns Inc | 825,000 | 825,000(12) | 0 | 0 |
| Mark M. Sieczkarek | 488,131 | 458,331(13) | 29,800 | * |
| Otto Revocable Trust | 2,750,000 | 2,750,000(14) | 0 | 0 |
| Najafi Family Trust, dated September 13, 2006 | 3,683,331 | 458,331(15) | 3,225,000 | 5.2% |
| Maxim Partners LLC | 185,466 | 185,466 (16) | 0 | 0 |

*Percent of common stock after offering is less than 1%.

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- (1) Includes shares of common stock issuable upon exercise of warrants. For the purposes hereof, we assume the issuance of all such shares pursuant to a cash exercise.
- (2) Consists of 1,225,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 700,000 shares of common stock owned by the Selling Securityholder.
- (3) Consists of 1,750,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 1,000,000 shares of common stock owned by the Selling Securityholder.
- (4) Consists of 1,050,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 600,000 shares of common stock owned by the Selling Securityholder. Equitec Group, LLC as the sole manager of Equitec Specialists, LLC, has voting control and investment discretion over 50% of the securities reported herein held by Equitec. Dan Asher, a Member of Equitec Group, LLC, also has voting control and investment discretion over such securities. As a result, Equitec Group, LLC and Dan Asher may be deemed to have beneficial ownership (as determined under Section 13(d) of the Securities Exchange Act of 1934, as

amended) of such securities. Equitec is an affiliate of a broker-dealer. Equitec acquired the shares being registered hereunder in the ordinary course of business, and at the time of the acquisition of the shares and warrants described herein, Equitec did not have any arrangements or understandings with any person to distribute such securities.

Cranshire Capital Investments LLC (“Cranshire”) has voting control and investment discretion over 50% of the securities reported herein held by Equitec Specialists, LLC. Mitchell P. Kopin (“Mr. Kopin”), the sole manager of Cranshire and the sole trustee of The Mitchell P. Kopin Revocable Trust (the “Trust”), which is the sole member of Cranshire, also has voting control and investment discretion over such securities. As a result, each of Mr. Kopin, the Trust and Cranshire may be deemed to have beneficial ownership (as determined under Section 13(d) of the Securities Exchange Act of 1934, as amended) of such securities.

- (5) Consists of 4,532,500 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 2,590,000 shares of common stock owned by the Selling Securityholder.
- (6) Consists of 875,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 500,000 shares of common stock owned by the Selling Securityholder.
- (7) Consists of 1,750,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 1,000,000 shares of common stock owned by the Selling Securityholder.
- (8) Consists of 525,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 300,000 shares of common stock owned by the Selling Securityholder.
Consists of 700,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 400,000 shares of common stock owned by the Selling Securityholder. Iroquois Capital management L.L.C. (“Iroquois Capital”) is the investment manager of Iroquois master Fuld LTD (“IMF”). Consequently, Iroquois Capital has voting control and investment discretion over securities held by IMF. As
- (9) managing members of Iroquois Capital, Joshua Silverman and Richard Abbe make voting and investment decisions on behalf of Iroquois Capital in its capacity as investment manager to IMF. As a result of the foregoing, Mr. Silverman and Mr. Abbe may be deemed to have beneficial ownership (as determined under Section 13(d) of the Securities Exchange Act of 1934, as amended) of the securities held by IMF.
- (10) Consists of 262,500 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 150,000 shares of common stock owned by the Selling Securityholder.
Consists of 700,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 400,000 shares of common stock owned by the Selling Securityholder. Heights Capital Management, Inc., the authorized agent of Capital Ventures International (“CVI”), has discretionary
- (11) authority to vote and dispose of the shares held by CVI and may be deemed to be the beneficial owner of these shares. Martin Kobinger, in his capacity as Investment Manager of Heights Capital Management, Inc., may also be deemed to have investment discretion and voting power over the shares held by CVI.
Mr. Kobinger disclaims any such beneficial ownership of the shares.
- (12) Consists of 525,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 300,000 shares of common stock owned by the Selling Securityholder.

- (13) Consists of 291,665 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 166,666 shares of common stock owned by the Selling Securityholder.
- (14) Consists of 1,750,000 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder and 1,000,000 shares of common stock owned by the Selling Securityholder.
- (15) Consists of 291,665 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder, and 166,666 shares of common stock owned by the Selling Securityholder.
- (16) Consists of 185,466 shares of common stock issuable upon the exercise of warrants held by the Selling Securityholder.

Relationships with the Selling Securityholders

Affiliates of NovaBay

Set forth below is information with respect to the positions or offices the Selling Securityholders or their affiliates or associates have or have had with us during the past three years:

Pioneer Pharma (Singapore) Pte. Ltd., which entity is currently our largest stockholder, and a distributor of our NeutroPhase product in Asia.

Ramin Najafi is our Chief Executive Officer and also serves as the Chairman of our Board of Directors.

Mark Sieczkarek is a member of our board of directors.

Maxim Partners LLC is an affiliate of Maxim Group LLC, which entity was the sales agent for the sale of the securities being registered under this registration statement.

PLAN OF DISTRIBUTION

The Company is registering the shares of its common stock offered pursuant to the Registration Statement and related prospectus, or the Prospectus, on behalf of the Selling Securityholders. The Selling Securityholders, which term as used herein includes pledgees, donees, transferees or other successors-in-interest selling shares received from the Selling Securityholders as a gift, pledge, partnership distribution or other transfer after the date of the Prospectus, may, from time to time, sell, transfer or otherwise dispose of any or all of their shares of common stock or interests in shares of common stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. The Selling Securityholders will pay any brokerage commissions and similar selling expenses

attributable to the sale of the shares. The Company will pay other expenses relating to the preparation, updating and filing of the Registration Statement. The Company will not receive any of the proceeds from the sale of the shares by the Selling Securityholders. In the case, however, of warrants issued to the Selling Securityholders on March 6, 2015, upon a cash exercise of the short-term warrants and the long-term warrants by the Selling Securityholders, the Company will receive the exercise price of \$0.60 and \$0.65, respectively, per share of its common stock exercised. If the warrants are exercised in a cashless exercise, the Company will not receive any proceeds from the exercise of the warrants.

These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices. To the extent any of the Selling Securityholders gift, pledge or otherwise transfer the shares offered hereby, such transferees may offer and sell the shares from time to time under the Prospectus, provided that the Prospectus has been amended under Rule 424(b)(3) or other applicable provision of the Securities Act, to include the name of such transferee in the list of Selling Securityholders under the Prospectus.

The Selling Securityholders may use any one or more of the following methods when disposing of shares or interests therein, some of which may or may not involve broker-dealers acting as agent or principal:

ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;

block trades in which the broker-dealer will attempt to sell the shares as agent, but may position and resell a portion of the block as principal to facilitate the transaction;

purchases by a broker-dealer as principal and resale by the broker-dealer for its account;

an exchange distribution in accordance with the rules of the applicable exchange;

privately negotiated transactions;

settlement of short sales, to the extent permitted by law;

through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;

in transactions through broker-dealers that agree with the Selling Securityholders to sell a specified number of such shares at a stipulated price per share;

a combination of any such methods of sale; or

any other method permitted pursuant to applicable law.

The Selling Securityholders may also sell securities under Rule 144 under the Securities Act, if available, rather than under this prospectus.

Broker-dealers engaged by the Selling Securityholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the Selling Securityholders (or, if any broker-dealer acts as agent for the purchaser of securities, from the purchaser) in amounts to be negotiated, but, except as set forth in a supplement to this Prospectus, in the case of an agency transaction not in excess of a customary brokerage commission in compliance with FINRA Rule 2121; and in the case of a principal transaction a markup or markdown in compliance with FINRA IM-2121.

In connection with the sale of the securities or interests therein, the Selling Securityholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the securities in the course of hedging the positions they assume. The Selling Securityholders may also sell securities short and deliver these securities to close out their short positions, or loan or pledge the securities to broker-dealers that in turn may sell these securities. The Selling Securityholders may also enter into option or other transactions with broker-dealers or other financial institutions or create one or more derivative securities which require the delivery to such broker-dealer or other financial institution of securities offered by this prospectus, which securities such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The Selling Securityholders and any broker-dealers or agents that are involved in selling the securities may be deemed to be “underwriters” within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by such broker-dealers or agents and any profit on the resale of the securities purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Each Selling Securityholder has informed the Company that it does not have any written or oral agreement or understanding, directly or indirectly, with any person to distribute the securities.

The Company is required to pay certain fees and expenses incurred by the Company incident to the registration of the securities. The Company has agreed to indemnify the Selling Securityholders against certain losses, claims, damages and liabilities, including liabilities under the Securities Act.

Because Selling Securityholders may be deemed to be “underwriters” within the meaning of the Securities Act, they will be subject to the prospectus delivery requirements of the Securities Act, including Rule 172 thereunder. In addition, any securities covered by this prospectus which qualify for sale pursuant to Rule 144 under the Securities Act may be sold under Rule 144 rather than under this prospectus. The Selling Securityholders have advised us that there is no underwriter or coordinating broker acting in connection with the proposed sale of the resale securities by the Selling Securityholders.

We agreed to keep this prospectus effective until the earlier of (i) the date on which the securities may be resold by the Selling Securityholders without registration and without regard to any volume or manner-of-sale limitations by reason of Rule 144, without the requirement for the Company to be in compliance with the current public information under Rule 144 under the Securities Act or any other rule of similar effect or (ii) all of the securities have been sold pursuant to this prospectus or Rule 144 under the Securities Act or any other rule of similar effect. The resale securities will be sold only through registered or licensed brokers or dealers if required under applicable state securities laws. In addition, in certain states, the resale securities covered hereby may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

Under applicable rules and regulations under the Exchange Act, any person engaged in the distribution of the resale securities may not simultaneously engage in market making activities with respect to the common stock for the applicable restricted period, as defined in Regulation M, prior to the commencement of the distribution. In addition, the Selling Securityholders will be subject to applicable provisions of the Exchange Act and the rules and regulations thereunder, including Regulation M, which may limit the timing of purchases and sales of securities of the common stock by the Selling Securityholders or any other person. We will make copies of this prospectus available to the Selling Securityholders and have informed them of the need to deliver a copy of this prospectus to each purchaser at or prior to the time of the sale (including by compliance with Rule 172 under the Securities Act).

VALIDITY OF SECURITIES

The validity of the securities being offered hereby has been passed upon by Cooley LLP, Palo Alto, California.

EXPERTS

OUM & Co. LLP, independent registered public accounting firm, has audited our financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2014, as set forth in their report, which is incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements are incorporated by reference in reliance on OUM & Co. LLP's report, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the reporting requirements of the Exchange Act 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 to register the shares of common stock offered by this prospectus. However, this prospectus does not contain all of the information contained in the registration statement and the exhibits and schedules to the registration statement. For further information with respect to us and the securities offered 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 the registration statement, as well as our reports, proxy statements and other information, at the SEC's public reference rooms at 100 F Street, N.E., in Washington, D.C. 20549. You can request copies of these documents by contacting the SEC and paying a fee for the copying cost. Please call the SEC at 1-800-SEC-0330 for further information about the operation of the public reference rooms. Our SEC filings are also available at the SEC's website at www.sec.gov. In addition, you can read and copy our SEC filings at the office of the Financial Industry Regulatory Authority at 1735 K Street, N.W., Washington, D.C. 20006.

INCORPORATION BY REFERENCE

The SEC allows us to "incorporate by reference" the information contained in documents that we file with them, which means that we can disclose important information to you by referring to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus modifies or supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, and information that we file later with the SEC also will automatically update and supersede this information.

We incorporate by reference the documents listed below and any documents that we file in the future with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus and before the completion of the offering (other than current reports furnished pursuant to Form 8-K):

1. Our Annual Report on Form 10-K for the year ended December 31, 2014, filed with the SEC on March 26, 2015, as amended by Form 10-K/A, filed with the SEC on April 14, 2015;
2. Our Current Reports on Form 8-K filed with the SEC on March 9, 2015, March 24, 2015, and April 14, 2014; and
3. The description of our common stock in our registration statement on Form 8-A filed with the SEC on August 29, 2007, as updated by our Form 8-K filed with the SEC on June 29, 2010.

All filings filed by us pursuant to the Exchange Act after the date of the initial filing of the registration statement of which this prospectus is a part and prior to effectiveness of the registration statement shall be deemed to be incorporated by reference into this prospectus.

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 may request in writing or orally a copy of these filings, at no cost, by writing or telephoning us at the following address:

NovaBay Pharmaceuticals, Inc.

5980 Horton Street, Suite 550

Emeryville, CA 94608

(510) 899-8800

Attn: Secretary

PART II

INFORMATION NOT REQUIRED IN THE PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

The expenses to be paid by the registrant in connection with the distribution of the securities being registered are as set forth in the following table. All amounts shown are estimates except for the Securities and Exchange Commission registration fee.

| | |
|------------------------------|----------|
| SEC registration fee | \$2,164 |
| Legal fees and expenses | \$10,000 |
| Accounting fees and expenses | \$5,000 |
| Total | \$17,164 |

Item 15. Indemnification of Directors and Officers

The registrant's amended and restated certificate of incorporation provides that the liability of the directors for monetary damages shall be eliminated to the fullest extent under applicable law. If the Delaware General Corporation Law is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the registrant shall be eliminated to the fullest extent permitted by the Delaware General Corporation Law, as so amended. Under the Delaware General Corporation Law, no director will be personally liable to the registrant or the registrant's stockholders for monetary damages for breach of fiduciary duty as a director, except for liability:

for any breach of the duty of loyalty to the registrant or the registrant's stockholders;

for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;

for unlawful payment of dividends or unlawful stock repurchases or redemptions under Section 174 of the Delaware General Corporation Law; and

for any transaction from which the director derived an improper personal benefit.

The registrant's amended and restated bylaws provide that:

the registrant is required to indemnify the registrant's directors and executive officers to the fullest extent not prohibited by Delaware law, subject to limited exceptions;

the registrant may indemnify the registrant's other employees and agents as set forth in the Delaware General Corporation Law;

the registrant is required to advance expenses to the registrant's directors and executive officers as incurred in connection with legal proceedings against them for which they may be indemnified, against an undertaking by the indemnified party to repay such advances if it is ultimately determined that the indemnified party is not entitled to indemnification; and

the rights conferred in the amended and restated bylaws are not exclusive.

The registrant has entered into indemnification agreements with each of the registrant's directors and executive officers that require the registrant to indemnify these persons all direct and indirect costs of any type or nature whatsoever, including attorney's fees, witness fees, and other out of pocket costs of whatever nature, incurred by the director or officer in any action or proceeding, whether actual, pending or threatened, subject to certain limitations, to which any of these people may be made a party by reason of the fact that he or she is or was a director or an executive officer of the registrant or is or was serving or at any time serves at the request of the registrant as a director, officer, employee or other agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise.

The registrant has purchased insurance on behalf of any person who is or was a director or officer of the registrant against any loss arising from any claim asserted against him or her and incurred by him or her in any such capacity, subject to certain exclusions.

Item 16. Exhibits

3.1 Amended and Restated Certificate of Incorporation.⁽¹⁾

3.2 Certificate of Amendment to the Amended and Restated Certificate of Incorporation.⁽²⁾

3.3 Amended and Restated Bylaws.⁽¹⁾

4.1 Reference is made to Exhibits 3.1, 3.2 and 3.3 above.

4.2 Form of Long-Term Warrant.⁽³⁾

4.3 Form of Short-Term Warrant.⁽⁴⁾

4.4 Form of Purchase Agreement, dated March 3, 2015, between NovaBay Pharmaceuticals, Inc. and the purchasers identified in Schedule I therein⁽⁵⁾

4.5 Form of Registration Rights Agreement, dated March 6, 2015, between NovaBay Pharmaceuticals, Inc. and the purchasers identified on Schedule I of the Securities Purchase Agreement, dated March 3, 2015.⁽⁶⁾

5.1 Opinion of Cooley LLP.*

23.1 Consent of Independent Registered Public Accounting Firm.

23.2 Consent of Cooley LLP (included in Exhibit 5.1).*

24.1 Power of Attorney (included on the signature page hereto).*

* Previously filed with the initial filing of this Registration Statement with the SEC on March 31, 2015.

(1) Incorporated by reference to the exhibits of the same numbers from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on June 29, 2010.

(2) Incorporated by reference to Exhibit 3.1 from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on June 4, 2014.

(3) Incorporated by reference to Exhibit 4.2 from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on March 9, 2015.

(4) Incorporated by reference to Exhibit 4.1 from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on March 9, 2015.

(5) Incorporated by reference to Exhibit 10.1 from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on March 9, 2015.

(6) Incorporated by reference to Exhibit 10.2 from the Company's report on Form 8-K (File No. 001-33678) as filed with the SEC on March 9, 2015.

Item 17. Undertakings

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in this registration statement;

provided, however, that subparagraphs (i), (ii) and (iii) above shall not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in the periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this registration statement, or is contained in a prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by a registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after

effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any to the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(6) That, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(7) That for purposes of determining any liability under the Securities Act, (i) the information omitted from the form of prospectus filed as part of the registration statement in reliance upon Rule 430A and contained in the form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be a part of the registration statement as of the time it was declared effective; and (ii) each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(b) That, for the purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to existing provisions or arrangements whereby the registrant may indemnify a director, officer or controlling person of the registrant against liabilities arising under the Securities Act of 1933, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with

the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Emeryville, State of California, on April 14, 2015.

**NOVABAY PHARMACEUTICALS,
INC.**

/s/ Ramin (“Ron”) Najafi, Ph.D.
Ramin (“Ron”) Najafi, Ph.D.
Chairman of the Board, Chief Executive
Officer and President

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated:

| Signature | Title | Date |
|--|--|----------------|
| /s/ Ramin (“Ron”) Najafi, Ph.D. Ramin (“Ron”) Najafi, Ph.D. | Chairman of the Board, Chief Executive Officer and President <i>(principal executive officer)</i> | April 13, 2015 |
| /s/ Thomas J. Paulson Thomas J. Paulson | Chief Financial Officer and Treasurer <i>(principal financial and accounting officer)</i> | April 13, 2015 |
| * Charles J. Cashion | Director | April 13, 2015 |
| /s/ Paul E. Freiman Paul E. Freiman | Director | April 13, 2015 |
| * Gail J. Maderis | Director | April 13, 2015 |
| * T. Alex McPherson, M.D., Ph.D. | Director | April 13, 2015 |
| * Massimo Radaelli | Director | April 13, 2015 |
| * Mark M. Sieczkarek | Director | April 13, 2015 |
| * Tony D.S. Wicks | Director | April 13, 2015 |
| /s/ Li Xinzhou Li Xinzhou | Director | April 13, 2015 |

* By: /s/ Thomas J. Paulson
Thomas J. Paulson
Attorney-in-Fact

EXHIBIT INDEX

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