Kindred Biosciences, Inc. Form DEF 14A October 14, 2014 **Table of Contents UNITED STATES** SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549 **SCHEDULE 14A** (Rule 14a-101) INFORMATION REQUIRED IN PROXY STATEMENT **SCHEDULE 14A INFORMATION** Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.) Filed by the Registrant ý Filed by a Party other than the Registrant " Check the appropriate box: **Preliminary Proxy Statement** Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)) 0 **Definitive Proxy Statement** ý **Definitive Additional Materials** o Soliciting Material Pursuant to §240.14a-12 KINDRED BIOSCIENCES, INC. (Name of Registrant as Specified in its Charter) (Name of Person(s) Filing Proxy Statement, if Other Than the Registrant) Payment of Filing Fee (Check the appropriate box): ý No fee required. Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11. 0 Title of each class of securities to which transaction applies: (1) Aggregate number of securities to which transaction applies: (2) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): Proposed maximum aggregate value of transaction: (4) Total fee paid: (5) Fee paid previously with preliminary materials: 0

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KINDRED BIOSCIENCES, INC.

1555 BAYSHORE HIGHWAY, SUITE 200

BURLINGAME, CALIFORNIA 94010

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

To Be Held at 9:00 a.m. Pacific Standard Time on Monday, December 1, 2014

Dear Stockholders of Kindred Biosciences, Inc.:

The 2014 annual meeting of stockholders (the "Annual Meeting") of Kindred Biosciences, Inc., a Delaware corporation, will be held on December 1, 2014 at 9:00 a.m. Pacific Standard Time, at The Bay Landing Hotel, 1550 Bayshore Highway, Burlingame, California 94010, for the following purposes, as more fully described in the accompanying proxy statement:

- 1. To elect one Class I director to serve until the 2017 annual meeting of stockholders and until his or her successor is duly elected and qualified;
- 2. To approve the Kindred Biosciences, Inc. 2014 Employee Stock Purchase Plan;
- 3. To ratify the appointment of KMJ Corbin & Company LLP as our independent registered public accounting firm for our fiscal year ending December 31, 2014; and
- 4. To transact such other business as may properly come before the Annual Meeting or any adjournments or postponements thereof.

Our board of directors has fixed the close of business on October 6, 2014 as the record date for the Annual Meeting. Only stockholders of record on October 6, 2014 are entitled to notice of and to vote at the Annual Meeting. Further information regarding voting rights and the matters to be voted upon is presented in the accompanying proxy statement.

This proxy statement and our annual report can be accessed directly at the following Internet address: www.proxyvote.com. All you have to do is enter the control number located on your proxy card.

YOUR VOTE IS IMPORTANT. Whether or not you plan to attend the Annual Meeting, we urge you to submit your vote via the Internet, telephone or mail.

We appreciate your continued support of Kindred Biosciences, Inc. and look forward to either greeting you personally at the Annual Meeting or receiving your proxy.

By order of the Board of Directors

/s/ Richard Chin

Richard Chin, M.D. Chief Executive Officer and Director Burlingame, California October 14, 2014

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KINDRED BIOSCIENCES, INC.

PROXY STATEMENT

FOR 2014 ANNUAL MEETING OF STOCKHOLDERS

To Be Held at 9:00 a.m. Pacific Time on Monday, December 1, 2014

This proxy statement and the enclosed form of proxy are furnished in connection with the solicitation of proxies by our board of directors for use at the 2014 annual meeting of stockholders of Kindred Biosciences, Inc., a Delaware corporation (the "Company"), and any postponements, adjournments or continuations thereof (the "Annual Meeting"). The Annual Meeting will be held on Monday, December 1, 2014 at 9:00 a.m. Pacific Time, at The Bay Landing Hotel, 1550 Bayshore Highway, Burlingame, California 94010. The Notice of Internet Availability of Proxy Materials (the "Notice") containing instructions on how to access this proxy statement and our annual report is first being mailed on or about October 14, 2014 to all stockholders entitled to vote at the Annual Meeting.

The information provided in the "question and answer" format below is for your convenience only and is merely a summary of the information contained in this proxy statement. You should read this entire proxy statement carefully. Information contained on, or that can be accessed through, our website is not intended to be incorporated by reference into this proxy statement and references to our website address in this proxy statement are inactive textual references only.

QUESTIONS AND ANSWERS ABOUT THE PROXY MATERIALS AND OUR ANNUAL MEETING

What matters am I voting on?

You will be voting on:

the election of one Class I director to serve until the 2017 annual meeting of stockholders and until his or her successor is duly elected and qualified;

- a proposal to approve the Kindred Biosciences, Inc. 2014 Employee Stock Purchase Plan;
- a proposal to ratify the appointment of KMJ Corbin & Company LLP as our independent registered public accounting firm for our fiscal year ending December 31, 2014; and
- any other business as may properly come before the Annual Meeting.

How does the board of directors recommend I vote on these proposals?

Our board of directors recommends a vote:

- "FOR" the election of Ernest Mario as a Class I director;
- "FOR" the approval of the Kindred Biosciences, Inc. 2014 Employee Stock Purchase Plan; and
- "FOR" the ratification of the appointment of KMJ Corbin & Company LLP as our independent registered public accounting firm for our fiscal year ending December 31, 2014.

Who is entitled to vote?

Holders of our common stock as of the close of business on October 6, 2014, the record date, may vote at the Annual Meeting. As of the record date, there were 19,714,065 shares of our common stock outstanding. In deciding all matters at the Annual Meeting, each stockholder will be entitled to one vote for each share of our common stock held by them on the record date. We do not have cumulative voting rights for the election of directors.

Registered Stockholders. If shares of our common stock are registered directly in your name with our transfer agent, you are considered the stockholder of record with respect to those shares, and the Notice was provided to you directly by us. As

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the stockholder of record, you have the right to grant your voting proxy directly to the individuals listed on the proxy card or to vote in person at the Annual Meeting.

Street Name Stockholders. If shares of our common stock are held on your behalf in a stock brokerage account or by a bank or other nominee, you are considered the beneficial owner of those shares held in "street name," and the Notice was forwarded to you by your broker or nominee, who is considered the stockholder of record with respect to those shares. As the beneficial owner, you have the right to direct your broker or nominee how to vote your shares. Beneficial owners are also invited to attend the Annual Meeting. However, since a beneficial owner is not the stockholder of record, you may not vote your shares of our common stock in person at the Annual Meeting unless you follow your broker's procedures for obtaining a legal proxy. If you request a printed copy of our proxy materials by mail, your broker or nominee will provide a voting instruction card for you to use. Throughout this proxy, we refer to stockholders who hold their shares through a broker, bank or other nominee as "street name stockholders." How many votes are needed for approval of each proposal?

Proposal No. 1: The election of one Class I director requires a plurality vote of the shares of our common stock present in person or by proxy at the Annual Meeting and entitled to vote thereon to be approved. "Plurality" means that the nominee who receives the largest number of votes cast "for" is elected as a director. As a result, any shares not voted "for" a particular nominee (whether as a result of stockholder abstention or a broker non-vote) will not be counted in such nominee's favor and will have no effect on the outcome of the election. You may vote "for" or "withhold" on the nominee for election as a director.

Proposal No. 2: The approval of the Kindred Biosciences, Inc. 2014 Employee Stock Purchase Plan requires the affirmative vote of a majority of the shares of our common stock present in person or by proxy at the Annual Meeting and entitled to vote thereon. Abstentions are considered votes present and entitled to vote on this proposal, and thus, will have the same effect as a vote "against" the proposal. Broker non-votes will have no effect on the outcome of this proposal.

Proposal No. 3: The ratification of the appointment of KMJ Corbin & Company LLP requires the affirmative vote of a majority of the shares of our common stock present in person or by proxy at the Annual Meeting and entitled to vote thereon. Abstentions are considered votes present and entitled to vote on this proposal, and thus, will have the same effect as a vote "against" the proposal. Broker non-votes will have no effect on the outcome of this proposal. What is a quorum?

A quorum is the minimum number of shares required to be present at the Annual Meeting for the Annual Meeting to be properly held under our amended and restated bylaws and Delaware law. The presence, in person or by proxy, of a majority of all issued and outstanding shares of our common stock entitled to vote at the Annual Meeting will constitute a quorum at the Annual Meeting. Abstentions, withhold votes and broker non-votes are counted as shares present and entitled to vote for purposes of determining a quorum.

How do I vote?

If you are a stockholder of record, there are four ways to vote:

by Internet at http://www.proxyvote.com, 24 hours a day, seven days a week, until 11:59 p.m. on November 30, 2014 (have your proxy card in hand when you visit the website);

by toll-free telephone at 1-800-690-6903 (have your proxy card in hand when you call);

by completing and mailing your proxy card (if you received printed proxy materials); or

by written ballot at the Annual Meeting.

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If you are a street name stockholder, you will receive voting instructions from your broker, bank or other nominee. You must follow the voting instructions provided by your broker, bank or other nominee in order to instruct your broker, bank or other nominee on how to vote your shares. Street name stockholders should generally be able to vote by returning an instruction card, or by telephone or on the Internet. However, the availability of telephone and Internet voting will depend on the voting process of your broker, bank or other nominee. As discussed above, if you are a street name stockholder, you may not vote your shares in person at the Annual Meeting unless you obtain a legal proxy from your broker, bank or other nominee.

Can I change my vote?

Yes. If you are a stockholder of record, you can change your vote or revoke your proxy any time before the Annual Meeting by:

entering a new vote by Internet or by telephone;

returning a later-dated proxy card;

notifying the Secretary of Kindred Biosciences, Inc., in writing, at Kindred Biosciences, Inc., 1555 Bayshore Highway, Suite 200, Burlingame, California 94010; or

completing a written ballot at the Annual Meeting.

If you are a street name stockholder, your broker, bank or other nominee can provide you with instructions on how to change your vote.

What do I need to do to attend the Annual Meeting in person?

If you plan to attend the meeting, you must be a record or street name holder of Company shares as of the record date of October 6, 2014.

On the day of the meeting, each shareholder will be required to present a valid picture identification such as a driver's license or passport and you may be denied admission if you do not. Seating will begin at 8:30 a.m., and the meeting will begin at 9:00 a.m. Use of cameras, recording devices, computers and other personal electronic devices will not be permitted at the Annual Meeting.

What is the effect of giving a proxy?

Proxies are solicited by and on behalf of our board of directors. Richard Chin and Denise Bevers have been designated as proxies by our board of directors. When proxies are properly dated, executed and returned, the shares represented by such proxies will be voted at the Annual Meeting in accordance with the instructions of the stockholder. If no specific instructions are given, however, the shares will be voted in accordance with the recommendations of our board of directors as described above. If any matters not described in this proxy statement are properly presented at the Annual Meeting, the proxy holders will use their own judgment to determine how to vote the shares. If the Annual Meeting is adjourned, the proxy holders can vote the shares on the new Annual Meeting date as well, unless you have properly revoked your proxy instructions, as described above.

Why did I receive a Notice of Internet Availability of Proxy Materials instead of a full set of proxy materials? In accordance with the rules of the Securities and Exchange Commission ("SEC"), we have elected to furnish our proxy materials, including this proxy statement and our annual report, primarily via the Internet. The Notice containing instructions on how to access our proxy materials is first being mailed on or about October 14, 2014 to all stockholders entitled to vote at the Annual Meeting. Stockholders may request to receive all future proxy materials in printed form by mail or electronically by e-mail by following the instructions contained in the Notice. We encourage stockholders to take advantage of the availability of our proxy materials on the Internet to help reduce the environmental impact of our annual meetings of stockholders.

How are proxies solicited for the Annual Meeting?

Our board of directors is soliciting proxies for use at the Annual Meeting. All expenses associated with this solicitation will be borne by us. We will reimburse brokers or other nominees for reasonable expenses that they incur in sending our proxy materials to you if a broker or other nominee holds shares of our common stock on your behalf. How may my brokerage firm or other intermediary vote my shares if I fail to provide timely directions? Brokerage firms and other intermediaries holding shares of our common stock in street name for customers are generally required to vote such shares in the manner directed by their customers. In the absence of timely directions, your broker will have discretion to vote your shares on our sole "routine" matter: the proposal to ratify the appointment of KMJ Corbin & Company LLP. Your broker will not have discretion to vote on the election of directors or on the Kindred Biosciences, Inc. 2014 Employee Stock Purchase Plan, each of which is a "non-routine" matter absent direction from you.

Where can I find the voting results of the Annual Meeting?

We will also disclose voting results on a Current Report on Form 8-K that we will file with the SEC within four business days after the Annual Meeting. If final voting results are not available to us in time to file a Current Report on Form 8-K within four business days after the Annual Meeting, we will file a Current Report on Form 8-K to publish preliminary results and will provide the final results in an amendment to this Current Report on Form 8-K as soon as they become available.

I share an address with another stockholder, and we received only one paper copy of the proxy materials. How may I obtain an additional copy of the proxy materials?

We have adopted a procedure called "householding," which the SEC has approved. Under this procedure, we deliver a single copy of the Notice and, if applicable, our proxy materials to multiple stockholders who share the same address unless we have received contrary instructions from one or more of the stockholders. This procedure reduces our printing costs, mailing costs, and fees. Stockholders who participate in householding will continue to be able to access and receive separate proxy cards. Upon written or oral request, we will deliver promptly a separate copy of the Notice and, if applicable, our proxy materials to any stockholder at a shared address to which we delivered a single copy of any of these materials. To receive a separate copy, or, if a stockholder is receiving multiple copies, to request that we only send a single copy of the Notice and, if applicable, our proxy materials, such stockholder may contact us at the following address:

Kindred Biosciences, Inc.

Attention: Investor Relations

1555 Bayshore Highway, Suite 200

Burlingame, California 94010

Stockholders who beneficially own shares of our common stock held in street name may contact their brokerage firm, bank, broker-dealer or other similar organization to request information about householding.

What is the deadline to propose actions for consideration at next year's annual meeting of stockholders or to nominate individuals to serve as directors?

Stockholder Proposals

Stockholders may present proper proposals for inclusion in our proxy statement and for consideration at the next annual meeting of stockholders by submitting their proposals in writing to our Secretary in a timely manner. For a stockholder proposal to be considered for inclusion in our proxy statement for our 2015 annual meeting of stockholders, our Secretary must receive the written proposal at our principal executive offices not later than June 16, 2015. In addition, stockholder proposals must comply with the requirements of Rule 14a-8 regarding the inclusion of stockholder proposals in company-sponsored proxy materials. Stockholder proposals should be addressed to:

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Kindred Biosciences, Inc. Attention: Corporate Secretary 1555 Bayshore Highway, Suite 200 Burlingame, California 94010

Stockholders intending to present a proposal at the 2015 Annual Meeting of Stockholders, but not to include the proposal in our proxy statement, or to nominate a person for election as a director, must comply with the requirements set forth in our Amended and Restated Bylaws. Our Amended and Restated Bylaws require, among other things, that our Secretary receive written notice from the stockholder of record of their intent to present such proposal or nomination not later than the close of business on the 90th day and not earlier than the close of business on the 120th day prior to the anniversary of the preceding year's annual meeting. Therefore, the Company must receive notice of such a proposal or nomination for the 2015 Annual Meeting of Stockholders no earlier than the close of business on August 4, 2015 and no later than the close of business on September 2, 2015. The notice must contain the information required by the Amended and Restated Bylaws, a copy of which is available upon request to our Secretary. In the event that the date of the 2015 Annual Meeting of Stockholders is more than 30 days before December 1, 2015, then our Secretary must receive such written notice not earlier than the close of business on the 120th day prior to the 2015 Annual Meeting and not later than the close of business on the 90th day prior to the 2015 Annual Meeting or, if later, the 10th day following the day on which public disclosure of the date of such meeting is first made by the Company. SEC rules permit management to vote proxies in its discretion in certain cases if the stockholder does not comply with this deadline and, in certain other cases notwithstanding the stockholder's compliance with this deadline. Nomination of Director Candidates

You may propose director candidates for consideration by our nominating and corporate governance committee. Any such recommendations should include the nominee's name and qualifications for membership on our board of directors and should be directed to our Secretary at the address set forth above. For additional information regarding stockholder recommendations for director candidates, see "Board of Directors and Corporate Governance—Stockholder Recommendations for Nominations to the Board of Directors."

In addition, our amended and restated bylaws permit stockholders to nominate directors for election at an annual meeting of stockholders. To nominate a director, the stockholder must provide the information required by our amended and restated bylaws. In addition, the stockholder must give timely notice to our Secretary in accordance with our amended and restated bylaws, which, in general, require that the notice be received by our Secretary within the time period described above under "Stockholder Proposals" for stockholder proposals that are not intended to be included in a proxy statement.

Availability of Bylaws

A copy of our amended and restated bylaws is available on our website at http://www.kindredbio.com/#!investors/c1cx1/. You may also contact our Secretary at our principal executive offices for a copy of the relevant bylaw provisions regarding the requirements for making stockholder proposals and nominating director candidates.

PROPOSAL NO. 1 - ELECTION OF DIRECTORS

In accordance with our amended and restated certificate of incorporation, our board of directors is divided into three staggered classes of directors. Our board of directors is currently composed of five members. Oleg Nodelman, currently a Class I director, was appointed for a single one-year term and will not be nominated for re-election. Accordingly, Mr. Nodelman's term of office will expire on the date of the Annual Meeting. In light of this fact and based on the authority of the board of directors contained in our bylaws to establish the authorized number of directors from time to time, the board has elected to reduce the authorized number of directors to four, effective as of the date of the annual meeting. Therefore, at the Annual Meeting, only one Class I director will be elected for a three-year term to succeed the same class whose term is then expiring.

The director's term continues until the election and qualification of his or her successor, or such director's earlier death, resignation, or removal. Any increase or decrease in the number of directors will be distributed among the three classes so that, as nearly as possible, each class will consist of one-third of our directors.

Nominee

Our nominating and corporate governance committee has recommended, and our board of directors has approved, Ernest Mario as a nominee for election as a Class I director at the Annual Meeting. If elected, Dr. Mario will serve as a Class I director until the 2017 annual meeting of stockholders and until his successor is duly elected and qualified. The nominee is currently a director of our company. For information concerning the nominee, please see the section titled "Board of Directors and Corporate Governance."

If you are a stockholder of record and you sign your proxy card or vote by telephone or over the Internet but do not give instructions with respect to the voting of directors, your shares will be voted "FOR" the re-election of Dr. Mario. We expect that Dr. Mario will accept such nomination; however, in the event that the director nominee is unable or declines to serve as a director at the time of the Annual Meeting, the proxies will be voted for any nominee who shall be designated by our board of directors to fill such vacancy. If you are a street name stockholder and you do not give voting instructions to your broker or nominee, your broker will leave your shares unvoted on this matter.

Vote Required

The election of directors requires a plurality vote of the shares of our common stock present in person or by proxy at the Annual Meeting and entitled to vote thereon to be approved. Broker non-votes will have no effect on this proposal. THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE "FOR" THE NOMINEE NAMED ABOVE.

BOARD OF DIRECTORS AND CORPORATE GOVERNANCE

The following table sets forth the names, ages as of October 1, 2014, and certain other information for each of the directors with terms expiring at the annual meeting (one of whom is a nominee for election as a director at the Annual Meeting) and for each of the continuing members of our board of directors:

Directors	Class	Age	Position	Director Since	Current Term Expires	Expiration of Term For Which Nominated	
Ernest Mario ⁽¹⁾⁽²⁾	I	76	Director	2012	2014	2017	
Oleg Nodelman(1)(2)	I	37	Director	2013	$2014^{(4)}$	-	
Raymond Townsend ⁽²⁾⁽³⁾	II	69	Director	2013	2015	-	
Ervin Veszprémi ⁽¹⁾⁽³⁾	II	55	Director	2013	2015	-	
			President, Chief				
Richard Chin (3)	III	48	Executive Officer and	2013	2016	-	
			Director				

- (1) Member of our audit committee
- (2) Member of our compensation committee
- (3) Member of our nominating and corporate governance committee
- Mr. Nodelman was appointed to our board of directors on November 11, 2013 for a single one-year term and (4) therefore will not be nominated for re-election. Accordingly, Mr. Nodelman's term of office will expire on the date of the Annual Meeting, and, on that date, the authorized number of directors will be reduced to four.

Nominee for Director

Ernest Mario, Ph.D., has been a member of our board of directors since February 15, 2013. Dr. Mario served as Deputy Chairman of Glaxo Holdings plc from 1992 to 1993 and as Chief Executive Officer from 1989 to 1993. From 1993 until 2001, he was Chairman and Chief Executive Officer of ALZA Corporation, a drug delivery technology company acquired by Johnson & Johnson in 2001. From 2003 until 2007, Dr. Mario served as Chairman and Chief Executive Officer of Reliant Pharmaceuticals, which was acquired by GlaxoSmithKline. He currently is Chairman of Capnia, a private pharmaceutical company developing novel therapeutic products to treat migraine and allergic rhinitis. He is also a Venture Partner with Pappas Ventures and serves on a number of corporate boards, including the following public companies: Boston Scientific Corporation, Celgene Corporation, Chimerix Inc., Tonix Pharmaceuticals Holding Corporation, and XenoPort Inc. Dr. Mario earned a B.S. in pharmacy at Rutgers University and his M.S. and Ph.D. in physical sciences at the University of Rhode Island. He holds honorary doctorates from the University of Rhode Island and Rutgers University. In 2007 he was awarded the Remington Medal by the American Pharmacists' Association, pharmacy's highest honor. Because of his extensive experience in the pharmaceutical industry and his extensive experience serving on public company boards of directors, Dr. Mario is well qualified to serve on our board.

Continuing Directors

Richard Chin, M.D., is one of our co-founders and has served as our President and Chief Executive Officer since October 2012. From October 2008 until December 2011, he was Chief Executive Officer of OneWorld Health, a Bill and Melinda Gates Foundation-funded nonprofit organization engaged in developing drugs for neglected diseases. From July 2006 until October 2008, Dr. Chin was President and Chief Executive Officer of Oxigene, a biotechnology company. From June 2004 to July 2006, he served at Elan Pharmaceuticals, initially as Senior Vice President of Medical Affairs, and then as Senior Vice President of Global Development. From March 1999 to June 2004, Dr. Chin served in various roles at Genentech, Inc., now a Division of Roche Group, culminating in his last position as the Head of Clinical Research for Biotherapeutics Unit, overseeing clinical development of all Genentech products except for oncology products. Dr. Chin currently serves as an adjunct professor at the University of California at San Francisco. He also currently serves on the board of Galena Biopharma, Inc. and ImmunoCellular Therapeutics Ltd.

Dr. Chin received his M.D. from Harvard University and also holds a law degree from Oxford University, where he studied as a Rhodes Scholar. Through his experience and knowledge of our operations, and his

experience in drug development, and his experience serving on public company boards of directors, Dr. Chin is well-suited to serve as a member of our board of directors.

Ervin Veszprémi has been a member of our board of directors since February 15, 2013. He has served as the Chief Executive Officer of Medichem, a leading active pharmaceutical product manufacturer, since 2003, and has nearly 30 years of experience in the pharmaceutical industry, including 15 years in the animal health sector. Mr. Veszprémi served as the former Vice President and Global Head of Marketing for Novartis Animal Health, one of the largest veterinary companies in the world, from 1998 to 2002. Mr. Veszprémi holds a physiology degree from the University of British Columbia and has studied management at Harvard Business School and Stanford University. Because of his extensive experience in the veterinary pharmaceutical industry, his extensive experience in commercialization, and his knowledge of the European market, Mr. Veszprémi is well qualified to serve on our board.

Raymond Townsend, Pharm.D., was appointed to our board of directors on November 11, 2013. He has served since 2001 as the President of Wasatch Health Outcomes, Inc., his personal consulting firm engaged in providing support for pharmaceutical product development, pricing and commercialization. From 1978 to 1988, Dr. Townsend was employed in various positions at the Upjohn Company, where he pioneered the first modern pharmacoeconomic research department within the pharmaceutical industry. Between 1988 and 1997, he served in various positions at Glaxo (now GlaxoSmithKline), culminating in the positions of Worldwide Director and Vice President, Outcomes, Epidemiology and Policy Research. Between 1998 and 2001, he was co-founder and Chief Executive Officer of Strategic Outcomes Services, Inc. From 2004 to 2009, he was Senior Vice President, Pharmacoeconomic & Epidemiology Outcomes Research, at Elan Pharmaceuticals, Inc. Dr. Townsend earned a B.A. in Economics at California State University and his Doctor of Pharmacy degree from the University of California, San Francisco. Dr. Townsend is well qualified to serve as a director because of his extensive experience in senior management roles in the pharmaceutical industry.

Departing Director

Oleg Nodelman was appointed to our board of directors on November 11, 2013 for a single one-year term and therefore will not be nominated for re-election. He founded and has served as Managing Director of EcoR1 Capital, a San Francisco-based, value-oriented healthcare private investment fund, since October 2012. Prior to founding EcoR1, from 2001 to 2012, Mr. Nodelman was a portfolio manager at BVF Partners L.P., one of the oldest dedicated biotechnology hedge funds in the United States. Prior to joining BVF, Mr. Nodelman was a consultant with Mercer Management Consulting (now Oliver Wyman), a consulting firm focused on strategy, operations, risk management, organizational transformation and leadership development. Mr. Nodelman is on the Board of Addex Therapeutics, a clinical-stage biopharma company listed on the Swiss Exchange, and is a member of the President's Council at the Gladstone Institute. He holds a Bachelor of Science degree in Foreign Service with a concentration in Science and Technology from Georgetown University. Mr. Nodelman's extensive management consulting experience, experience investing in biotechnology companies and services as a director of other public companies made him well-qualified to serve on our board.

Director Independence

Our board of directors currently consists of five members. Dr. Chin is not considered an independent director, because he serves as our President and Chief Executive Officer. Our board of directors has determined that each of our other directors is an independent director in accordance with the listing requirements of The NASDAQ Stock Market. Pursuant to NASDAQ rules, our board must consist of a majority of independent directors. The NASDAQ independence definition includes a series of objective tests, including that the director is not, and has not been for at least three years, one of our employees and that neither the director nor any of his family members has engaged in various types of business dealings with us. In addition, as required by NASDAQ rules, our board of directors has made a subjective determination as to each independent director that no relationships exist, which, in the opinion of our board of directors, would interfere with the exercise of independent judgment in carrying out the responsibilities of a director. In making these determinations, our board of directors reviewed and discussed information provided by the directors and us with regard to each director's business and personal activities and relationships as they may relate to us and our management. There are no family relationships among any of our directors or executive officers.

Classified Board of Directors

In accordance with our amended and restated certificate of incorporation, our board of directors is divided into three classes with staggered, three-year terms. At each annual meeting of stockholders, the successors to directors whose terms then expire will be elected to serve from the time of election and qualification until the third annual meeting following election. Our directors are classified as follows:

the Class I directors are Ernest Mario and Oleg Nodelman, and their terms will expire at our 2014 annual meeting of stockholders, although only one Class I director will be elected at the 2014 annual meeting since our board of directors has reduced the authorized number of directors to four effective as of the date of the meeting; the Class II directors are Raymond Townsend and Ervin Veszprémi, and their terms will expire at our 2015 annual meeting of stockholders; and

the Class III director is Richard Chin, and his term will expire at the 2016 annual meeting of stockholders. Our board of directors has not appointed a Chairman of the Board, and Dr. Chin, our President and Chief Executive Officer, generally chairs meetings of our board. Our amended and restated certificate of incorporation provides that the authorized number of directors may be changed only by resolution of the board of directors. Any additional directorships resulting from an increase in the number of directors will be distributed among the three classes so that, as nearly as possible, each class will consist of one-third of the directors. The division of our board of directors into three classes with staggered three-year terms may delay or prevent a change of our management or a change in control of our company.

Leadership Structure of the Board

Our directors may be removed only for cause by the affirmative vote of the holders of at least two-thirds of our outstanding voting stock entitled to vote in the election of directors. Our amended and restated bylaws and corporate governance guidelines provide our board of directors with flexibility in its discretion to combine or separate the positions of Chairman of the Board and Chief Executive Officer, if we elect to appoint a Chairman of the Board. Currently we do not have a Chairman of the Board or a lead director. Our board believes that oversight of our company is the responsibility of our Board as a whole, and that this responsibility can be properly discharged without a Chairman or lead director.

Board Meetings and Committees

During our fiscal year ended December 31, 2013, the board of directors held four meetings (including regularly scheduled and special meetings), and each director attended at least 75% of the aggregate of (i) the total number of meetings of our board of directors held during the period for which he has been a director and (ii) the total number of meetings held by all committees of our board of directors on which he served during the periods that he served. Although we do not have a formal policy regarding attendance by members of our board of directors at annual meetings of stockholders, we encourage, but do not require, our directors to attend.

Our board has established three standing committees-audit, compensation, and nominating and corporate governance-each of which operates under a written charter that has been approved by our board. Each committee charter has been posted on the Corporate Governance section of our website at www.kindredbio.com. The reference to our website address does not constitute incorporation by reference of the information contained at or available through our website, and you should not consider it to be a part of this proxy statement.

Audit Committee

The audit committee's responsibilities include:

appointing, approving the compensation of, and assessing the independence of our registered public accounting firm;

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overseeing the work of our registered public accounting firm, including through the receipt and consideration of reports from such firm;

reviewing and discussing with management and the registered public accounting firm our annual and quarterly financial statements and related disclosures;

monitoring our internal control over financial reporting, disclosure controls and procedures and code of business conduct and ethics;

discussing our risk management policies;

establishing policies regarding hiring employees from the registered public accounting firm and procedures for the receipt and retention of accounting related complaints and concerns;

•meeting independently with our internal auditing staff, if any, registered public accounting firm and management; •reviewing and approving or ratifying any related person transactions; and

preparing the audit committee report required by SEC rules.

The members of our audit committee are Dr. Mario and Messrs. Nodelman and Veszprémi, and Dr. Mario serves as the chairperson of the committee. Our board of directors has determined that each of Dr. Mario and Messrs. Nodelman and Veszprémi is an independent director under NASDAQ rules and under SEC Rule 10A-3. All members of our audit committee meet the requirements for financial literacy under the applicable rules and regulations of the SEC and NASDAQ. Our board of directors has determined that Dr. Mario is an "audit committee financial expert" as defined by applicable SEC rules and has the requisite financial sophistication as defined under the applicable NASDAQ rules and regulations.

Compensation Committee

The compensation committee's responsibilities include:

annually reviewing and approving corporate goals and objectives relevant to CEO compensation;

determining our CEO's compensation;

reviewing and approving, or making recommendations to our board with respect to, the compensation of our other executive officers;

overseeing an evaluation of our senior executives;

overseeing and administering our cash and equity incentive plans;

reviewing and making recommendations to our board with respect to director compensation;

reviewing and discussing annually with management our "Compensation Discussion and Analysis" when it is required by SEC rules to be included in our proxy statements; and

preparing the annual compensation committee report when it is required by SEC rules to be included in our proxy statements.

The members of our compensation committee are Drs. Mario and Townsend and Mr. Nodelman, and Mr. Nodelman serves as the chairperson of the committee. Our board has determined that each of Dr. Mario and Messrs. Nodelman and Townsend is independent under the applicable NASDAQ rules and regulations, is a "non-employee director" as defined in

Rule 16b-3 promulgated under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and is an "outside director" as that term is defined in Section 162(m) of the Internal Revenue Code of 1986, as amended. Nominating and Corporate Governance Committee

The nominating and corporate governance committee's responsibilities include:

*dentifying individuals qualified to become board members;

recommending to our board the persons to be nominated for election as directors and to each of the board's committees;

reviewing and making recommendations to the board with respect to management succession planning;

- developing and recommending to the board corporate governance principles; and
- overseeing an annual evaluation of the board.

The members of our nominating and corporate governance committee are Drs. Chin and Townsend and Mr. Veszprémi, and Mr. Veszprémi serves as the chairperson of the committee. Under applicable NASDAQ rules, we are permitted to phase in our compliance with the independent nominating and corporate governance committee requirements of NASDAQ as follows: (1) one independent member at the time of listing, (2) a majority of independent members within 90 days of listing, and (3) all independent members within one year of listing. Our board has determined that each of Dr. Townsend and Mr. Veszprémi is independent under the applicable NASDAQ rules and regulations, and that Dr. Chin is not independent. We will comply with the phase-in requirements of the NASDAQ rules and within one year of our listing on the NASDAQ Stock Market, all members of our nominating and corporate governance committee will be independent under the applicable NASDAQ rules.

Compensation Committee Interlocks and Insider Participation

None of our executive officers served as a director or a member of a compensation committee (or other committee serving an equivalent function) of any other entity, one of whose executive officers served as a director or member of our compensation committee during the period from September 25, 2012 (inception) through December 31, 2013. Code of Ethics and Business Conduct

We have adopted a written code of ethics and business conduct that applies to our directors, officers and employees, including our principal executive officer, principal financial officer, principal accounting officer or controller and persons performing similar functions. Our code of ethics and business conduct is available under the Corporate Governance section of our website at www.kindredbio.com. In addition, we intend to post on our website all disclosures that are required by law or the listing standards of The NASDAQ Stock Market concerning any amendments to, or waivers from, any provision of the code. The reference to our website address does not constitute incorporation by reference of the information contained at or available through our website, and you should not consider it to be a part of this proxy statement.

Considerations in Evaluating Director Nominees

Our nominating and corporate governance committee uses a variety of methods for identifying and evaluating director nominees. In its evaluation of director candidates, our nominating and corporate governance committee will consider the current size and composition of our board of directors and the needs of our board of directors and the respective committees of our board of directors. Some of the qualifications that our nominating and corporate governance committee considers include, without limitation, issues of character, integrity, judgment, diversity of experience, independence, area of expertise, corporate experience, length of service, potential conflicts of interest and other commitments. Nominees must also have the ability to offer advice and guidance to our Chief Executive Officer based on past experience in positions with a high degree of responsibility and be leaders in the companies or institutions with which they are affiliated. Director candidates must have sufficient time available in the judgment of our nominating and corporate governance committee to perform all board of director and committee responsibilities. Members of our board of directors are expected to prepare for, attend, and participate in all board of

director and applicable committee meetings. Other than the foregoing, there are no stated minimum criteria for director nominees, although our nominating and corporate governance committee may also consider such other factors as it may deem, from time to time, are in our and our stockholders' best interests.

Although our board of directors does not maintain a specific policy with respect to board diversity, our board of directors believes that our board of directors should be a diverse body, and our nominating and corporate governance committee considers a broad range of backgrounds and experiences. In making determinations regarding nominations of directors, our nominating and corporate governance committee may take into account the benefits of diverse viewpoints. Our nominating and corporate governance committee also considers these and other factors as it oversees the annual board of director and committee evaluations. After completing its review and evaluation of director candidates, our nominating and corporate governance committee recommends to our full board of directors the director nominees for selection.

Stockholder Recommendations for Nominations to the Board of Directors

Our nominating and corporate governance committee will consider candidates for director recommended by stockholders so long as such recommending stockholder was a stockholder of record both at the time of giving notice and at the time of the annual meeting, and such recommendations comply with our amended and restated certificate of incorporation and amended and restated bylaws and applicable laws, rules and regulations, including those promulgated by the SEC. The nominating and corporate governance committee will evaluate such recommendations in accordance with its charter, our amended and restated bylaws, our policies and procedures for director candidates, as well as the regular director nominee criteria described above. This process is designed to ensure that our board of directors includes members with diverse backgrounds, skills and experience, including appropriate financial and other expertise relevant to our business. Eligible stockholders wishing to recommend a candidate for nomination should contact the Secretary in writing. Our nominating and corporate governance committee has discretion to decide which individuals to recommend for nomination as directors.

Any nomination should be sent in writing to our Secretary at Kindred Biosciences, Inc., 1555 Bayshore Highway, Suite 200, Burlingame, California 94010. To be timely for our 2015 annual meeting of stockholders, our Secretary must receive the nomination by the date specified in the "Stockholder Proposals" section above.

Communications with the Board of Directors

Interested parties wishing to communicate with our board of directors or with an individual member or members of our board of directors may do so by writing to our board of directors or to the particular member or members of our board of directors, and mailing the correspondence to our Secretary at Kindred Biosciences, Inc., 1555 Bayshore Highway, Suite 200, Burlingame, California 94010. Each communication should set forth (i) the name and address of the stockholder, as it appears on our books, and if the shares of our common stock are held by a nominee, the name and address of the beneficial owner of such shares, and (ii) the number of shares of our common stock that are owned of record by the record holder and beneficially by the beneficial owner.

Our Secretary in consultation with appropriate members of our board of directors as necessary, will review all incoming communications and, if appropriate, all such communications will be forwarded to the appropriate member or members of our board of directors, or if none is specified, to Richard Chin.

Role of Board in Risk Oversight Process

Risk assessment and oversight are an integral part of our governance and management processes. Our board of directors encourages management to promote a culture that incorporates risk management into our corporate strategy and day-to-day business operations. Management discusses strategic and operational risks at regular management meetings and conducts specific strategic planning and review sessions during the year that include a focused discussion and analysis of the risks we face. Throughout the year, senior management reviews these risks with the board of directors at regular board meetings as part of management presentations that focus on particular business functions, operations or strategies, and presents the steps taken by management to mitigate or eliminate such risks. Our board of directors does not have a standing risk management committee, but rather administers this oversight function directly through the board of directors as a whole, as well as through standing committees of the board of directors that will address risks inherent in their respective areas of oversight. In particular, our audit committee is responsible for overseeing our major financial risk exposures and the steps our management has taken to

monitor and control these exposures. The audit committee also monitors compliance with legal and regulatory requirements and considers and approves or disapproves any related-person transactions. Our nominating and governance committee monitors the effectiveness of our corporate governance guidelines. Our compensation committee assesses and monitors whether any of our compensation policies and programs has the potential to encourage excessive risk-taking by our management.

Director Compensation

Our director compensation program is intended to enable us to attract and retain qualified and experienced individuals to serve as directors and to align our directors' interests with those of our stockholders. Directors who are also employees of our company do not receive compensation for their service on our board of directors.

Non-employee directors do not receive cash for their services. Non-employee directors receive a retainer paid in stock options for service on the board of directors or for service on each committee of which the director is a member. The chairman of each committee receives a higher retainer for such service. The stock options vest quarterly over a period of one year measured from the date of grant. The stock options awarded annually to non-employee directors for service on the board of directors and for service on each committee of the board of directors on which the director is a member are as follows:

Name	Member	Chairman
Ivaine	Annual Grant	Annual Grant
Board of Directors	30,000	
Audit Committee	2,500	5,000
Compensation Committee	2,000	3,000
Nominating and Corporate Governance Committee	2,000	3,000

Under our director compensation program, each non-employee director elected to our board of directors receives an option to purchase 20,000 shares of our common stock upon commencing service on the board. The option vests and becomes exercisable as to 25% of the total number of option shares on the first anniversary of the date of grant and in equal monthly installments over the ensuing 36 months. All options are granted with an exercise price equal to the fair market value of our common stock on the date of grant.

In February 2013, we granted to each of Dr. Mario and Mr. Veszprémi stock options to purchase 40,000 shares of our common stock at an exercise price of \$0.32 per share. In August 2013, we granted to each of Dr. Mario and Mr. Veszprémi stock options to purchase 20,000 shares of our common stock at an exercise price of \$1.37 per share. We granted to each of Mr. Nodelman and Dr. Townsend stock options to purchase 20,000 shares of our common stock at an exercise price of \$7.00 per share, the initial public offering price, in conjunction with the pricing of that offering. The foregoing options vested as to 25% of the option shares on the first anniversary of the grant date and will vest as to the balance of the option shares in 36 equal monthly installments thereafter until fully vested subject to the director's continuous service as a director, except for the February 2013 options, which vested as to 25% of the option shares on November 1, 2013 and will vest as to the balance of the option shares in 36 equal monthly installments thereafter until fully vested for Dr. Mario and as to 25% of the option shares on January 1, 2014 and as to the balance of the option shares in 36 equal monthly installments thereafter until fully vested for Mr. Veszprémi.

The following table sets forth information regarding the compensation of our non-employee directors earned during 2013:

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$) ⁽¹⁾	Option Awards (\$) ⁽¹⁾	Total (\$)
Ernest Mario, Ph.D.	_	_	\$44,820	\$44,820
Ervin Veszprémi	_	_	\$44,820	\$44,820
Raymond Townsend, Pharm.D.			\$115,111	\$115,111
Oleg Nodelman			\$115,111	\$115,111

Amounts represent the aggregate grant date fair value of awards computed in accordance with ASC Topic 718, excluding the effects of any estimated forfeitures. The assumptions used in the valuation of these awards are discussed in "Management's Discussion and Analysis of Financial Condition and Results of Operations-Stock-Based Compensation" in our Annual Report on Form 10-K filed with the SEC on March 13, 2014, as amended. The table below shows the aggregate numbers of option awards (exercisable and unexercisable) and unvested stock awards held as of December 31, 2013 by each non-employee director who was serving as of December 31, 2013:

	Options	Unvested Restricted
Name	Outstanding at	Shares Outstanding
	Fiscal Year End	at Fiscal Year End
Ernest Mario, Ph.D.	60,000	_
Ervin Veszprémi	60,000	_
Raymond Townsend, Pharm.D.	20,000	_
Oleg Nodelman	20,000	_

EXECUTIVE OFFICERS

Executive Officers

The following table sets forth the name, age and position of each of our executive officers as of October 1, 2014:

Name	Age	Position
Richard Chin, M.D.	48	President, Chief Executive Officer and Director
Stephen Sundlof, D.V.M., Ph.D.	63	Senior Vice President of Regulatory Affairs
Denise M. Bevers	47	Chief Operating Officer and Secretary
Blake Hawley, D.V.M.	50	Chief Commercial Officer

Richard Chin, M.D., is one of our co-founders and has served as our President and Chief Executive Officer since October 2012. Additional information regarding Dr. Chin is set forth above under "Board of Directors and Corporate Governance."

Stephen Sundlof, D.V.M., Ph.D., was appointed our Senior Vice President of Regulatory Affairs on August 26, 2013. Dr. Sundlof served as the Director of the Center for Veterinary Medicine at the FDA from 1994 to 2008, where he oversaw all veterinary products regulated by the FDA, and retired as the Director of the Center for Food Safety and Applied Nutrition in 2010. Dr. Sundlof began his career in 1980 on the faculty of the University of Florida's College of Veterinary Medicine. He received his D.V.M. from the University of Illinois, College of Veterinary Medicine, and earned a Ph.D. in Veterinary Toxicology from the University of Illinois, College of Veterinary Medical Sciences. Dr. Sundlof also holds a B.S. in Zoology from Southern Illinois University and an M.S. in Veterinary Toxicology from the University of Illinois, College of Veterinary Medical Sciences.

Denise M. Bevers is one of our co-founders and has served as our Chief Operating Officer since October 2012. On November 11, 2013, she was appointed as our Secretary. Ms. Bevers co-founded and served as the President and Chief Executive Officer of SD Scientific, Inc., a privately held, full-service medical affairs and communications company, from August 2005 to June 2013. She has over 20 years of human pharmaceutical and research experience and is an expert in clinical operations, medical affairs, and scientific communications. Ms. Bevers has managed dozens of human drug development programs from Phase I through Phase IV at pharmaceutical companies Elan Pharmaceuticals and Skyepharma, and at Quintiles, a contract research organization. She began her clinical research career in 1989 as the Division Lead of the Urology Department at Scripps Clinic and Research Foundation, a non-profit medical research foundation, where she was integral in implementing the policies and procedures for the organization's clinical research programs, Ms. Bevers earned an M.B.A. from Keller Graduate School of Management and a B.S. in Ecology, Behavior, and Evolution from the University of California San Diego, Revelle College. Blake Hawley, D.V.M., was appointed as our Chief Commercial Officer on March 24, 2014. Dr. Hawley previously served as the Managing Director of the United Kingdom and Ireland, the General Manager of Australasia, and the Regional General Manager of Russia and Central Eastern Europe (consisting of 22 countries) for Hill's Pet Nutrition, Ltd, a Colgate-Palmolive company. His experience includes ten years of profit and loss responsibilities in these territories. He also has a background in e-commerce, data analytics, and social media and most recently served as Worldwide Director of Global Digital for Hill's Pet Nutrition. Dr. Hawley currently serves on the Board of Advisors to Kansas University School of Business M.B.A. Program and as a director of the Lawrence, Kansas Humane Society. Dr. Hawley received his B.S. in Zoology and D.V.M. from North Carolina State University and earned a M.B.A in marketing from the University of Kansas. Dr. Hawley also performed postdoctoral studies at Utrecht University, Netherlands.

EXECUTIVE COMPENSATION

Processes and Procedures for Compensation Decisions

Our compensation committee is responsible for the executive compensation programs for our executive officers and reports to our board of directors on its discussions, decisions and other actions. Typically, our Chief Executive Officer makes recommendations to our compensation committee and is involved in the determination of compensation for the respective executive officers that report to him, except that our Chief Executive Officer does not make recommendations as to his own compensation. Our Chief Executive Officer makes recommendations to our compensation committee regarding short- and long-term compensation for all executive officers (other than himself) based on our results, an individual executive officer's contribution toward these results and performance toward individual goal achievement. Our compensation committee then reviews the recommendations and other data and makes decisions as to total compensation for each executive officer other than the Chief Executive Officer, as well as each individual compensation component. Our compensation committee makes recommendations to our board of directors regarding compensation for our Chief Executive Officer. The independent members of our board of directors make the final decisions regarding executive compensation for our Chief Executive Officer.

Fiscal 2013 Summary Compensation Table

The following table sets forth the compensation for services paid in all capacities for the fiscal years ended December 31, 2012 and December 31, 2013 to Richard Chin, M.D., our President and Chief Executive Officer, and our two other most highly compensated executive officers. The principal terms of our employment agreements with our executive officers are described below.

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Summary Compensation Table

Name and Principal Position	Year	Salary (\$)		Bonus (\$) ⁽¹⁾	Option Awards (\$) ⁽⁸⁾	All Other Compensation (\$) ⁽²⁾	Total (\$)
Richard Chin, M.D.	2013	\$268,250	(3)	\$218,000	\$86,005	\$ —	\$572,255
President and Chief Executive Officer	2012	\$62,500	(4)	\$—	\$—	\$ —	\$62,500
Denise M. Bevers	2013	\$106,995	(5)	\$107,120	\$235,452 (6)	\$ —	\$449,567
Chief Operating Officer	2012	\$ —		\$ —	\$ —	\$ —	\$—
Kevin Schultz, D.V.M., Ph.D.	2013	\$75,113	(7)	\$20,209	\$212,923	\$ —	\$308,245
Former Chief Scientific Officer	2012	\$ —					