OncoMed Pharmaceuticals Inc Form DEF 14A April 13, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

Securities Exchange Act of 1934

(Amendment No.)

Filed by the Registrant

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)) Definitive Proxy Statement Definitive Additional Materials Soliciting Material under §240.14a-12 ONCOMED PHARMACEUTICALS, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if Other Than The Registrant)

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ONCOMED PHARMACEUTICALS, INC.

800 Chesapeake Drive

Redwood City, California 94063

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

TO BE HELD ON JUNE 1, 2017

To the Stockholders of OncoMed Pharmaceuticals, Inc.:

NOTICE IS HEREBY GIVEN that the Annual Meeting of Stockholders (the "Annual Meeting") of OncoMed Pharmaceuticals, Inc., a Delaware corporation (referred to herein as the "Company," "we" or "our"), will be held on June 1, 2017, at 8:00 a.m. local time, at the Company's headquarters located at 800 Chesapeake Drive, Redwood City, California 94063 for the following purposes:

- 1. To elect three directors to hold office until the 2020 annual meeting of stockholders or until their successors are elected;
- 2. To ratify the selection, by the audit committee of our Board of Directors, of Ernst & Young LLP as the independent registered public accounting firm of the Company for the Company's fiscal year ending December 31, 2017; and
- 3. To transact such other business as may properly come before the Annual Meeting or any adjournment or postponement thereof.

The foregoing items of business are more fully described in the Proxy Statement. Only stockholders who owned our common stock at the close of business on April 7, 2017 (the "Record Date") can vote at this meeting or any adjournments that take place.

We have elected to use the Internet as our primary means of providing our proxy materials to stockholders. Consequently, stockholders will not receive paper copies of our proxy materials, unless they specifically request them. We will send a Notice of Internet Availability of Proxy Materials on or about April 21, 2017 to our stockholders of record as of the close of business on the Record Date. We are also providing access to our proxy materials over the Internet beginning on or about April 13, 2017. Electronic delivery of our proxy materials will significantly reduce our printing and mailing costs, and the environmental impact of the proxy materials.

The Notice of Internet Availability of Proxy Materials contains instructions for accessing the proxy materials, including the Proxy Statement and our annual report, and provides information on how stockholders may obtain paper copies free of charge. The Notice of Internet Availability of Proxy Materials also provides the date, time and location of the Annual Meeting; the matters to be acted upon at the meeting and the recommendation from our Board of Directors with regard to each matter; and information on how to attend the meeting.

It is important that your shares be represented and voted whether or not you plan to attend the Annual Meeting in person. You may vote on the Internet, by telephone or by completing and mailing a proxy card or the form forwarded by your bank, broker or other holder of record. Voting over the Internet, by telephone or by written proxy will ensure your shares are represented at the Annual Meeting. Please review the instructions on the proxy card or the information forwarded by your bank, broker or other holder of record regarding each of these voting options.

Our Board of Directors recommends that you vote FOR the election of the director nominees named in Proposal No. 1 of the Proxy Statement and FOR the ratification of the appointment of Ernst & Young LLP as our independent registered public accounting firm as described in Proposal No. 2 of the Proxy Statement.

By Order of the Board of Directors

Paul J. Hastings

Chairman and Chief Executive Officer

Redwood City, California

April 13, 2017

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ONCOMED PHARMACEUTICALS, INC.

800 Chesapeake Drive

Redwood City, California 94063

PROXY STATEMENT

FOR THE 2017 ANNUAL MEETING OF STOCKHOLDERS

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE

STOCKHOLDER MEETING TO BE HELD ON JUNE 1, 2017

The Board of Directors (the "Board") of OncoMed Pharmaceuticals, Inc. (referred to herein as the "Company", "OncoMed", "we", "us" or "our") is soliciting your proxy to vote at our 2017 Annual Meeting of Stockholders to be held on Thursday, June 1, 2017, at 8:00 a.m. local time, at our headquarters located at 800 Chesapeake Drive, Redwood City, California 94063, and any adjournment or postponement of that meeting (the "Annual Meeting"). This Proxy Statement is dated as of April 13, 2017.

In addition to solicitations by mail, our directors, officers and regular employees, without additional remuneration, may solicit proxies by telephone, e-mail and personal interviews. All costs of solicitation of proxies will be borne by us. Brokers, custodians and fiduciaries will be requested to forward proxy soliciting material to the owners of stock held in their names, and we will reimburse them for their reasonable out-of-pocket expenses incurred in connection with the distribution of proxy materials.

We have elected to provide access to our proxy materials on the Internet. Accordingly, we are sending a Notice of Internet Availability of Proxy Materials to our stockholders of record as of April 7, 2017 (the "Record Date"), while brokers and other nominees who hold shares on behalf of beneficial owners will be sending their own similar notice. All stockholders will have the ability to access the proxy materials on the website referred to in the Notice of Internet Availability of Proxy Materials, or to request a printed set of the proxy materials. Instructions on how to request a printed copy by mail or e-mail may be found in the Notice of Internet Availability of Proxy Materials and on the website referred to in the Notice of Internet Availability of Proxy Materials. On or about April 13, 2017, we are making this Proxy Statement available on the Internet. We are mailing the Notice of Internet Availability of Proxy Materials to all stockholders entitled to vote at the Annual Meeting on or about April 21, 2017. We intend to mail or e-mail this Proxy Statement, together with a proxy card, to those stockholders entitled to vote at the Annual Meeting who have properly requested copies of such materials by mail or e-mail, within three business days of request.

The only outstanding voting securities of OncoMed are shares of common stock, \$0.001 par value per share (the "common stock"), of which there were 37,623,443 shares issued and outstanding as of the Record Date. The holders of a majority in voting power of the shares of common stock issued and outstanding and entitled to vote, present in person or represented by proxy, are required in order to hold the Annual Meeting.

The Company's Annual Report on Form 10-K, which contains financial statements for fiscal year 2016 (the "Annual Report"), accompanies this Proxy Statement if you have requested and received a copy of the proxy materials in the mail. Stockholders that receive the Notice of Internet Availability of Proxy Materials can access this Proxy Statement and the Annual Report at the website referred to in the Notice of Internet Availability of Proxy Materials. The Annual Report and this Proxy Statement are also available on the "Financial Information" section on our investor relations

website at http://www.oncomed.com/invest/financials.cfm and at the website of the Securities and Exchange Commission (the "SEC") at www.sec.gov. You also may obtain a copy of OncoMed's Annual Report, without charge, by writing to our Investor Relations department at the above address.

THE PROXY PROCESS AND STOCKHOLDER VOTING

QUESTIONS AND ANSWERS ABOUT THIS PROXY MATERIAL AND VOTING

Who can vote at the Annual Meeting?

Only stockholders of record at the close of business on April 7, 2017 (the "Record Date"), will be entitled to vote at the Annual Meeting. At the close of business on the Record Date, there were 37,623,443 shares of common stock issued and outstanding and entitled to vote.

Stockholder of Record: Shares Registered in Your Name

If, on the Record Date, your shares were registered directly in your name with the transfer agent for our common stock, Computershare Trust Company, N.A., then you are a stockholder of record. As a stockholder of record, you may vote in person at the Annual Meeting or vote by proxy on the Internet or by telephone or by returning a proxy card if you request and receive one. Whether or not you plan to attend the Annual Meeting, to ensure your vote is counted we urge you to vote by proxy on the Internet as instructed in the Notice of Internet Availability of Proxy Materials, by telephone as instructed on the website referred to on the Notice of Internet Availability of Proxy Materials, or (if you request and receive a proxy card by mail or e-mail) by signing, dating and returning the proxy card sent to you or by following the instructions on such proxy card to vote on the Internet or by telephone.

Beneficial Owner: Shares Registered in the Name of a Broker, Bank or Other Agent

If, on the Record Date, your shares were held in an account at a brokerage firm, bank, dealer or other similar organization, then you are the beneficial owner of shares held in "street name" and these proxy materials are being forwarded to you by that organization. The organization holding your account is considered the stockholder of record for purposes of voting at the Annual Meeting. As a beneficial owner, you have the right to direct your broker or other agent on how to vote the shares in your account. You are also invited to attend the Annual Meeting. However, since you are not the stockholder of record, you may not vote your shares in person at the Annual Meeting unless you request and obtain a legal proxy from your broker or other agent who is the record holder of the shares, authorizing you to vote at the Annual Meeting.

What am I being asked to vote on?

You are being asked to vote on two proposals:

Proposal No. 1: the election of three Class I directors to hold office until our 2020 Annual Meeting of Stockholders; and

Proposal No. 2: the ratification of the selection, by the audit committee of our Board, of Ernst & Young LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2017.

In addition, you are entitled to vote on any other matters that are properly brought before the Annual Meeting.

How does the Board recommend I vote on the Proposals?

The Board recommends that you vote:

FOR each of the Class I director nominees; and

FOR ratification of Ernst & Young LLP as our independent registered public accounting firm. How do I vote? For Proposal No. 1, you may either vote "For," or "Withhold" your vote from, any of the nominees to the Board. For Proposal No. 2, you may either vote "For" or "Against" the proposal, or "Abstain" from voting. Please note that by casting your vote by proxy you are authorizing the individuals listed on the proxy to vote your shares in accordance with your instructions and in their discretion with respect to any other matter that properly comes before the Annual Meeting or any adjournments or postponements thereof.

The procedures for voting, depending on whether you are a stockholder of record or a beneficial owner, are as follows:

Stockholder of Record: Shares Registered in Your Name

If you are a stockholder of record, you may vote in any of the following manners:

To vote in person, come to the Annual Meeting and we will give you a ballot when you arrive.

To vote over the Internet prior to the Annual Meeting, follow the instructions provided on the Notice of Internet Availability of Proxy Materials or on the proxy card that you request and receive by mail or e-mail. We provide Internet proxy voting to allow you to vote your shares online, with procedures designed to ensure the authenticity and correctness of your proxy vote instructions. However, please be aware that you must bear any costs associated with your Internet access, such as usage charges from Internet access providers and telephone companies.

•To vote by telephone, call the toll free number found on the proxy card you request and receive by mail or e-mail or the toll free number that you can find on the website referred to on the Notice of Internet Availability of Proxy Materials.

To vote by mail, complete, sign and date the proxy card you request and receive by mail or e-mail and return it promptly. As long as your signed proxy card is received before the Annual Meeting, we will vote your shares as you direct.

Whether or not you plan to attend the Annual Meeting, we urge you to vote by proxy by mail, Internet or telephone to ensure your vote is counted. The Internet and telephone voting facilities for eligible stockholders of record will close at 1:00 a.m. Eastern Time on June 1, 2017. Even if you have submitted your vote before the Annual Meeting, you may still attend the Annual Meeting and vote in person. In such case, your previously submitted proxy will be disregarded.

Beneficial Owner: Shares Registered in the Name of Broker, Bank or Other Agent

If you are a beneficial owner of shares registered in the name of your broker, bank or other agent, you should have received a voting instruction card and voting instructions with these proxy materials from that organization rather than from us. Simply complete and mail the voting instruction card to ensure that your vote is counted, or follow such instructions to submit your vote by the Internet or telephone, if the instructions provide for Internet and telephone voting. To vote in person at the Annual Meeting, you must obtain a valid proxy from your broker, bank or other agent. Follow the instructions from your broker, bank or other agent included with these proxy materials, or contact your broker, bank or other agent to request a proxy form.

Who counts the votes?

Computershare Trust Company, N.A. ("Computershare") has been engaged as our independent agent to tabulate stockholder votes, or Inspector of Election. If you are a stockholder of record, and you choose to vote over the Internet prior to the Annual Meeting or by telephone, Computershare will access and tabulate your vote electronically, and if you have requested and received proxy materials via mail or e-mail and choose to sign and mail your proxy card, your executed proxy card is returned directly to Computershare for tabulation. As noted above, if you hold your shares through a broker, your broker (or its agent for tabulating votes of shares held in "street name") returns one proxy card to Computershare on behalf of all its clients.

How are votes counted?

Votes will be counted by the Inspector of Election appointed for the Annual Meeting. For Proposal No. 1, the Inspector of Election will separately count "For" and "Withhold" votes and broker non-votes for each nominee. For Proposal No. 2, the Inspector of Election will separately count "For" and "Against" votes, abstentions and broker non-votes. If your shares are

held by your broker as your nominee (that is, in "street name"), you will need to follow the instructions provided by your broker to instruct your broker how to vote your shares. If you do not give instructions to your broker, your broker can vote your shares with respect to "routine" items, but not with respect to "non-routine" items. See below for more information regarding: "What are "broker non-votes"?" and "Which ballot measures are considered "routine" or "non-routine"

What are "broker non-votes"?

Broker non-votes occur when a beneficial owner of shares held in "street name" does not give instructions to the broker or nominee holding the shares as to how to vote on matters deemed "non-routine." Generally, if shares are held in street name, the beneficial owner of the shares is entitled to give voting instructions to the broker or nominee holding the shares. If the beneficial owner does not provide voting instructions, the broker or nominee can still vote the shares with respect to matters that are considered to be "routine," but not with respect to "non-routine" matters. In the event that a broker, bank, custodian, nominee or other record holder of common stock indicates on a proxy that it does not have discretionary authority to vote certain shares on a particular proposal, then those shares will be treated as broker non-votes with respect to that proposal. Accordingly, if you own shares through a nominee, such as a broker or bank, please be sure to instruct your nominee how to vote to ensure that your vote is counted on each of the proposals.

Which ballot measures are considered "routine" or "non-routine"?

The ratification of the appointment of Ernst & Young LLP as our independent registered public accounting firm for the year ending December 31, 2017 (Proposal No. 2) is considered routine under applicable rules. A broker or other nominee may generally vote on routine matters, and therefore no broker non-votes are expected to exist in connection with Proposal No. 2. The election of directors (Proposal No. 1) is considered non-routine under applicable rules. A broker or other nominee cannot vote without instructions on non-routine matters, and therefore there may be broker non-votes on Proposal No. 1.

How many votes are needed to approve the proposals?

With respect to Proposal No. 1, the election of directors, the three nominees receiving the highest number of "For" votes will be elected. Only votes "For" or "Withhold" will affect the outcome of this proposal. Broker non-votes will have no effect on the outcome of this proposal.

With respect to Proposal No. 2, the affirmative vote of the majority of votes cast (meaning the number of shares voted "For" the proposal must exceed the number of shares "Against" such proposal) is required for approval. Abstentions and broker non-votes will have no effect on the outcome of this proposal.

How many votes do I have?

On each matter to be voted upon, you have one vote for each share of common stock you own as of the Record Date.

What if I return a Proxy Card but do not make specific choices?

If we receive a signed and dated Proxy Card and the Proxy Card does not specify how your shares are to be voted, your shares will be voted "For" the election of each of the three nominees for director, and "For" the ratification of the appointment of Ernst & Young LLP as our independent registered public accounting firm. If any other matter is properly presented at the Annual Meeting, your proxy (one of the individuals named on your Proxy Card) will vote your shares in his or her discretion.

Who is paying for this proxy solicitation?

We will pay for the entire cost of soliciting proxies. In addition to these mailed proxy materials, our directors, officers and employees may also solicit proxies in person, by telephone or by other means of communication. Directors, officers and employees will not be paid any additional compensation for soliciting proxies. We may also reimburse brokerage firms, banks and other agents for the cost of forwarding proxy materials to beneficial owners.

What does it mean if I receive more than one Notice of Internet Availability of Proxy Materials or more than one set of printed materials?

If you receive more than one Notice of Internet Availability of Proxy Materials or more than one set of printed materials, your shares are registered in more than one name or are registered in different accounts. In order to vote all the shares you own, you must follow the instructions for voting on each Notice of Internet Availability of Proxy Materials or proxy card you receive via mail or e-mail upon your request, which include voting over the Internet or telephone or signing and returning any of the proxy cards you request and receive.

Can I change my vote after submitting my proxy vote?

Yes. You can revoke your proxy vote at any time before the final vote at the Annual Meeting. If you are the record holder of your shares, you may revoke your proxy vote in any one of three ways:

You may submit a new vote on the Internet or by telephone or submit a properly completed proxy card with a later date.

You may send a written notice that you are revoking your proxy to OncoMed's General Counsel at 800 Chesapeake Drive, Redwood City, California 94063.

You may attend the Annual Meeting and vote in person. Simply attending the Annual Meeting will not, by itself, revoke your proxy.

If your shares are held by your broker, bank or other agent, you should follow the instructions provided by them.

How will voting on any business not described in this Proxy Statement be conducted?

We are not aware of any business to be considered at the Annual Meeting other than the items described in this Proxy Statement. If any other matter is properly presented at the Annual Meeting, your proxy will vote your shares in his or her discretion.

When are stockholder proposals due for next year's Annual Meeting?

To be considered for inclusion in next year's proxy materials, your proposal must be submitted in writing and received at our executive offices at 800 Chesapeake Drive, Redwood City, California 94063 by December 14, 2017. If you wish to submit a proposal that is not to be included in our proxy materials for the next year's annual meeting pursuant to the SEC's shareholder proposal procedures or to nominate a director, your proposal must be submitted in writing to OncoMed's Secretary and delivered to, or mailed and received at, our principal executive offices between February 1, 2018 and March 3, 2018; provided that if the date of next year's annual meeting is more than 30 days before or more than 60 days after June 1, 2018, you must give notice not later than the 90th day prior to the annual meeting date or, if later, the 10th day following the day on which public disclosure of the annual meeting date is first made. You are also advised to review our Bylaws, which contain additional requirements about advance notice of stockholder proposals and director nominations.

What is the quorum requirement?

A quorum of stockholders is necessary to hold a valid meeting. A quorum will be present if the holders of a majority in voting power of the shares of common stock issued and outstanding and entitled to vote are present in person or represented by proxy at the Annual Meeting. On the Record Date, there were 37,623,443 shares issued and outstanding and entitled to vote. Accordingly, 18,811,722 shares must be represented by stockholders present at the Annual Meeting or by proxy to have a quorum.

If you are a stockholder of record, your shares will be counted towards the quorum only if you submit a valid proxy or vote at the Annual Meeting. If you are a beneficial owner of shares held in "street name," your shares will be counted towards the quorum if your broker or nominee submits a proxy for your shares at the Annual Meeting, even if such proxy results in a broker non-vote due to the absence of voting instructions from you. Abstentions will also be counted towards the quorum requirement. If there is no quorum, either the chairperson of the Annual Meeting or a majority in voting power of the

stockholders entitled to vote at the Annual Meeting, present in person or represented by proxy, may adjourn the Annual Meeting to another time or place.

How can I find out the results of the voting at the Annual Meeting?

Voting results will be announced by the filing of a Current Report on Form 8-K within four business days after the Annual Meeting. If final voting results are unavailable at that time, we will file an amended Current Report on Form 8-K within four business days of the day the final results are available.

Implications of being an "emerging growth company."

We are an "emerging growth company" as that term is used in the Jumpstart Our Business Startups Act of 2012 and, as such, have elected to comply with certain reduced public company reporting requirements. These reduced reporting requirements include reduced disclosure about the company's executive compensation arrangements and no non-binding advisory votes on executive compensation. We will remain an emerging growth company until the earlier of (1) the last day of the fiscal year (a) following the fifth anniversary of the completion of our initial public offering, (b) in which we have total annual gross revenue of at least \$1.0 billion, or (c) in which we are deemed to be a large accelerated filer, which means the market value of our common stock that is held by non-affiliates exceeds \$700 million as of the prior June 30th, and (2) the date on which we have issued more than \$1.0 billion in non-convertible debt during the prior three-year period.

Directions to Annual Meeting

To obtain directions to our Annual Meeting, which is to be held at our headquarters located at 800 Chesapeake Drive, Redwood City, California 94063, please visit http://www.oncomed.com/Contact.

PROPOSAL NO. 1

ELECTION OF DIRECTORS

Our Board is divided into three classes. Each class consists, as nearly as possible, of one-third of the total number of directors, and each class has a three-year term. Unless the Board determines that vacancies (including vacancies created by increases in the number of directors) shall be filled by the stockholders, and except as otherwise provided by law, vacancies on the Board may be filled only by the affirmative vote of a majority of the remaining directors. A director elected by the Board to fill a vacancy (including a vacancy created by an increase in the number of directors) shall serve for the remainder of the term of the class of directors in which the vacancy occurred and until such director's successor is elected and qualified.

The Board currently consists of ten seated directors, divided into the following three classes:

Class I directors: Elisha P. ("Terry") Gould III, Michael S. Wyzga, Rick E Winningham and Perry A. Karsen, whose current terms will expire at the Annual Meeting;

Class II directors: Paul J. Hastings, Laurence Lasky, Ph.D. and Denise Scots-Knight, Ph.D., whose current terms will expire at the annual meeting of stockholders to be held in 2018; and

Class III directors: Jack W. Lasersohn, J.D., Deepa R. Pakianathan, Ph.D. and Jonathan D. Root, M.D., whose current terms will expire at the annual meeting of stockholders to be held in 2019.

At each annual meeting of stockholders, the successors to directors whose terms will then expire will be elected to serve from the time of election and qualification until the third subsequent annual meeting of stockholders.

Messrs. Wyzga, Winningham and Karsen have been nominated for election at the Annual Meeting to serve as Class I directors. Each director to be elected will hold office from the date of his election by the stockholders until the third subsequent annual meeting of stockholders or until his successor is elected and has been qualified, or until such director's earlier death, resignation or removal. Mr. Gould will not be standing for reelection at the Annual Meeting and therefore he will no longer be serving as a director as of the end of the Annual Meeting. The Board has approved a decrease in the authorized number of directors on the board of directors to nine directors, so there will be no vacancy on the Board following the Annual Meeting and only three Class I directors will be up for election at the Annual Meeting.

Shares represented by executed proxies will be voted, if authority to do so is not withheld, for the election of the three nominees named below. In the event that any nominee should be unavailable for election as a result of an unexpected occurrence, such shares will be voted for the election of such substitute nominee as the Board may propose. Each person nominated for election has agreed to serve if elected, and management has no reason to believe that any nominee will be unable to serve. Directors are elected by a plurality of the votes cast at the meeting.

The following table sets forth, for the Class I directors who are standing for election and for our other current directors who will continue in office after the Annual Meeting, information with respect to their position/office held with the Company and their ages as of April 7, 2017:

Name Class I Directors whose terms ex	0	Position/Office Held With the Company t the Annual Meeting and who are standing for election at the An	Since nual		
Meeting	-				
Perry A. $Karsen^{(1)(3)}$	62	Director	2016		
Rick E Winningham ⁽²⁾	57	Director	2015		
Michael S. Wyzga ⁽¹⁾	62	Director	2013		
Class II Directors whose terms ex Paul J. Hastings Laurence Lasky, Ph.D. ⁽³⁾ Denise Scots-Knight, Ph.D. ⁽²⁾⁽³⁾	xpire a 57 65 57	at the 2018 Annual Meeting of Stockholders Chairman of the Board, Chief Executive Officer and President Director Director	2006 2004 2008		
Class III Directors whose terms expire at the 2019 Annual Meeting of Stockholders					
Jack W. Lasersohn, J.D. ⁽³⁾	64	Lead Director	2005		
Deepa R. Pakianathan, Ph.D. ⁽¹⁾⁽²⁾	52	Director	2008		
Jonathan D. Root, M.D. ⁽²⁾	57	Director	2004		
Jonathan D. Root, M.D. ⁽²⁾	57	Director	2004		

(1)Member of the audit committee.

(2) Member of the compensation committee.

(3)Member of the nominating and corporate governance committee.

Set forth below is biographical information for the nominees and each person whose term of office as a director will continue after the Annual Meeting.

Nominees for Election to a Three-Year Term Expiring at the 2020 Annual Meeting of Stockholders

Perry A. Karsen has served as a director on our board of directors since January 2016. Mr. Karsen was the Chief Executive Officer of Celgene Cellular Therapeutics from May 2013 until his retirement from Celgene Corporation at the end of 2015. Mr. Karsen held the position of Executive Vice President and Chief Operations Officer at Celgene Corporation from July 2010 to May 2013 and he served as Senior Vice President and Head of Worldwide Business Development at Celgene and President of Asia/Pacific Region, from May 2004 until February 2009. Mr. Karsen was the President and Chief Executive Officer of Pearl Therapeutics, a privately held biotechnology company subsequently acquired by AstraZeneca, from February 2009 until July 2010. In addition, Mr. Karsen held executive positions at Human Genome Sciences, Bristol-Myers Squibb, Genentech and Abbott Laboratories earlier in his career. He also was a General Partner at Pequot Ventures from 2000-2003 focusing on investments in biotechnology and medical devices. Mr. Karsen currently serves on the board of directors of publicly traded biopharmaceutical companies Jounce Therapeutics, Voyager Therapeutics, and Intellia Therapeutics, and of privately held biopharmaceutical companies Pliant Therapeutics and Nurix. Mr. Karsen also serves on the board of directors of The Gladstone Foundation and The Sonoma Land Trust. He previously served on the boards of directors of Agios Pharmaceuticals, a publicly traded biopharmaceutical company, and Alliqua Biomedical, a publicly traded biomedical device company. He is a past member of the Board of Directors and the Executive Committee of the Biotechnology

Innovation Organization (BIO) and the Board of Directors of the Alliance for Regenerative Medicine (ARM). Mr. Karsen received a B.S. in Biological Sciences from the University of Illinois, Urbana, a Master of Arts in Teaching Biology from Duke University, and an MBA from the Kellogg School of Management at Northwestern University.

Mr. Karsen has been chosen to serve on our board of directors due to his senior management experience at biopharmaceutical and biotechnology companies and his current and past experience on boards of directors of multiple public and private biotechnology, pharmaceutical and medical device companies.

Rick E Winningham has served as a director on our board of directors since June 2015. Mr. Winningham serves as Chief Executive Officer and Chairman of the board of directors of Theravance Biopharma. From 2001-2014 he served as Chief Executive Officer of Theravance, Inc., during which time the company formed a transformational alliance with GlaxoSmithKline, completed a successful initial public offering, and advanced a number of products to commercialization before separating into two independent publicly traded companies, Theravance, Inc. (now called Innoviva, Inc.) and Theravance Biopharma. Prior to joining Theravance, Inc., Mr. Winningham served as President, Bristol-Myers Squibb Oncology/Immunology/Oncology Therapeutics Network (OTN) from 1997 to 2001, and also as President of Global Marketing from 2000 to 2001. In addition to operating responsibility for U.S. Oncology/Immunology/OTN, Mr. Winningham had full responsibility for Global Marketing in the Cardiovascular, Infectious Disease, Immunology, Oncology/Metabolics and GU/GI/Neuroscience therapeutic areas. Over a fifteen-year period with BMS and its predecessor, Bristol-Myers, Mr. Winningham held various U.S. and global management positions. During his tenure with BMS, he was associated with the development and commercialization of several major pharmaceutical products, such as Taxol[®], Paraplatin[®], Zerit[®], Videx[®], Reyataz[®], and Abilify[®]. Mr. Winningham is a member of the Board of Directors of Jazz Pharmaceuticals PLC, a member of the California Life Sciences Association and a member of the Board of Directors of the Biotechnology Innovation Organization (BIO). He holds an M.B.A. from Texas Christian University and a B.S. from Southern Illinois University.

Mr. Winningham has been chosen to serve on our board of directors due to his senior management experience at biopharmaceutical and biotechnology companies and his experience as a member of the boards of directors of multiple public biopharmaceutical companies.

Michael S. Wyzga has served as a member of our board of directors since October 2013. Mr. Wyzga currently serves as Chief Financial Officer of Aura Biosciences, Inc. From December 2011 until November 2013, Mr. Wyzga served as President and Chief Executive Officer and a member of the board of directors of Radius Health, Inc., a publicly traded biopharmaceutical company. Prior to that, Mr. Wyzga served in various senior management positions at Genzyme Corporation, a publicly traded global biotechnology company. Mr. Wyzga joined Genzyme in February 1998 and most recently served as Executive Vice President, Finance from May 2003 until November 2011 and as chief financial officer from July 1999 until November 2011. Since February 2014, Mr. Wyzga has served as a member of the board of directors of Akebia Therapeutics, Inc., a publicly traded biopharmaceutical company, where he is also a member of the compensation committee and chair of the audit committee. Since February 2015, Mr. Wyzga has also served as a member of the board of directors of Exact Sciences Corporation, a publicly traded medical technology company, where he is also a member of the audit and compensation committees. Since February 2016, Mr. Wyzga has also served as Chairman of the board of directors of GenSight Biologics S.A., a publicly traded biopharmaceutical company. Since 2010, Mr. Wyzga has also served as a member of the board of directors of Dohman Co., a privately-held life sciences information technology and outsourcing company. Mr. Wyzga also previously served as a member of the board of directors of Idenix Pharmaceuticals, Inc., a publicly traded biotechnology company that was acquired by Merck in August 2014, where he also served as the chair of the audit committee and a member of the compensation committee, and Altus Pharmaceuticals, Inc., a publicly traded biopharmaceutical company that ceased operations in November 2009, and as a member of the Supervisory Board of Prosensa Holding B.V., a publicly traded biopharmaceutical company, from June 2014 until the Prosensa acquisition by BioMarin Falcon B.V. in December 2014. He received an M.B.A. from Providence College and a B.S. from Suffolk University.

Mr. Wyzga has been chosen to serve on our board of directors due to his senior management experience at biopharmaceutical and biotechnology companies, his current and past experience on boards of directors of public companies, including his experience as chair of the audit committee at Idenix Pharmaceuticals and Akebia Therapeutics, and his financial expertise.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THE ELECTION OF EACH CLASS I NOMINEE NAMED ABOVE

Directors Continuing in Office Until the 2018 Annual Meeting of Stockholders

Paul J. Hastings has served as our Chief Executive Officer and President and as a member of our board of directors since January 2006 and has served as Chairman of the Board since August 2013. From February 2002 to September 2005, Mr. Hastings served as President and Chief Executive Officer of QLT, Inc., a publicly traded biotechnology company dedicated

to the development and commercialization of innovative ocular products. From 2001 to 2002, Mr. Hastings served as President and Chief Executive Officer of Axys Pharmaceuticals, Inc., which was acquired by Celera Corporation in 2001. From 1999 to 2001, Mr. Hastings served as the President of Chiron BioPharmaceuticals, a division of Chiron Corporation. From 1998 to 1999, Mr. Hastings was President and Chief Executive Officer of LXR Biotechnology. From 1994 to 1998, amongst his positions of increasing responsibility at Genzyme, Mr. Hastings was Vice-President, Global Marketing, Genzyme Corporation; Vice-President, General Manager of Genzyme Therapeutics Europe; President, Genzyme Therapeutics Europe; and President, Genzyme Therapeutics Worldwide. Prior to that time, Mr. Hastings served as Vice President, Marketing and Sales and General Manager, Europe for Synergen, Inc. Since June 2011, Mr. Hastings has served on the board of directors of Pacira Pharmaceuticals, Inc., a publicly traded pharmaceutical company, where he serves as Lead Director, chairman of its compensation committee and a member of its nominating and corporate governance committee. From October 2012 to September 1, 2016, Mr. Hastings served on the board of directors of Relypsa, a publicly traded biotechnology company, where he served as chairman of its compensation committee and a member of its nominating and corporate governance committee. From September 2008 to November 2009, Mr. Hastings also served as chairman of the board of directors of Proteolix, Inc., which was acquired by Onyx Pharmaceuticals in 2010. From November 2000 to November 2007, Mr. Hastings also served on the board of directors of ViaCell, Inc., a publicly traded biotechnology company that was sold to Perkin Elmer in 2007. Mr. Hastings currently serves as Chairman of the board of directors of Proteon Therapeutics, Inc., Vice Chairman of the Biotechnology Innovation Organization (BIO) and is also on the board of directors of the California Life Sciences Association, a non-profit trade association serving the life science industry in California. Mr. Hastings received a B.S. in Pharmacy from the University of Rhode Island.

Mr. Hastings has been chosen to serve on our board of directors due to his role as our Chief Executive Officer and President, his many years of experience in management positions at pharmaceutical and biotechnology companies and his current and past service on boards of directors of public companies.

Laurence Lasky, Ph.D. has served as a director on our board of directors since August 2004. Since May 2014, Dr. Lasky has served as a partner of The Column Group, a venture capital firm. From 2007 to May 2014, Dr. Lasky was a Partner of U.S. Venture Partners, a venture capital firm. From 2002 to 2007, Dr. Lasky was a General Partner of Latterell Venture Partners, a venture capital firm that he co-founded and that invests in early-stage healthcare companies. From 1982 to 2002, Dr. Lasky was a leading scientist at Genentech, Inc., where he attained the company's highest scientific position, Genentech Fellow, prior to his retirement from the company. Dr. Lasky received a B.A. in Music and Molecular Biology and a Ph.D. in Molecular Biology from the University of California, Los Angeles.

Dr. Lasky has been chosen to serve on our board of directors due to his significant scientific expertise in biotechnology, and his service as a venture capital investor in, and director of, multiple biotechnology companies.

Denise Scots-Knight, Ph.D. has served as a director on our board of directors since October 2008. Since July 2015, Dr. Scots-Knight has served as Chief Executive Officer of Mereo BioPharma Group plc, a publicly traded UK based specialty biopharmaceutical company. From December 2010 until July 2015, Dr. Scots-Knight has served as Chief Executive Officer and Managing Partner at Phase4 Partners, a venture capital firm that manages a fund on behalf of Harbourvest Partners. From April 2004 to December 2010, Dr. Scots-Knight was head of Nomura Phase4 Ventures, a venture capital affiliate of Nomura International plc, a leading Japanese financial institution. From January 1999 to March 2004, Dr. Scots-Knight served as head of Healthcare Private Equity at Nomura International plc. Dr. Scots-Knight currently serves as a member of the board of directors of Albireo Pharma Inc., a publicly traded biotechnology company, where she also serves as chair of the remuneration committee. Dr. Scots-Knight previously served on the board of directors of Idenix Pharmaceuticals, Inc., a publicly traded biotechnology company, where she also serves as caquired by Merck. Dr. Scots-Knight also previously served as the Chair of the board of directors of Nabriva Therapeutics AG, a publicly traded biotechnology company, where she also

served as the Chair of the nominating and governance committee and a member of the audit and compensation committees, from 2007 until August 2016. Dr. Scots-Knight received a B.Sc. (Hons) and a Ph.D. from the University of Birmingham in England.

Dr. Scots-Knight has been chosen to serve on our board of directors due to her senior management experience in health care as well her experience as a venture capital investor in, and director of, several biotechnology companies, including her experience on the audit committee and the nominating and corporate governance committee of Idenix Pharmaceuticals, Inc.

Directors Continuing in Office Until the 2019 Annual Meeting of Stockholders

Jack W. Lasersohn, J.D. has served as a director on our board of directors since July 2005 and as Lead Director since August 2013. Since 1989, Mr. Lasersohn has been a General Partner or Manager of The Vertical Group, a private venture capital firm that is focused on the fields of medical technology and biotechnology. Prior to that time, Mr. Lasersohn was a Vice President and then Director of the venture capital division of F. Eberstadt & Co., Inc., an investment bank and The Vertical Group's predecessor. Mr. Lasersohn has served on the board of directors of over 25 publicly traded and privately held medical or biotechnology companies and served on the Executive Committee of the Board of the National Venture Capital Association until April 2012. From 1995 until May 2016, Mr. Lasersohn served on the board of directors of the Masimo Corporation, a publicly traded medical technology company that develops noninvasive patient monitoring products, where he also served as a member of its compensation committee and as chairman of its nominating and corporate governance committee. Mr. Lasersohn served on the strategic team of the Entrepreneur In Residence program at the U.S. Food and Drug Administration pursuant to an appointment by the Office of the President, and has served as a panel member of the MEDCAC Panel pursuant to appointment by CMS. Mr. Lasersohn received a B.S. in Physics from Tufts University, an M.A. from The Fletcher School of Law and Diplomacy, and a J.D. from the Yale Law School.

Mr. Lasersohn has been chosen to serve on our board of directors due to his long experience as a venture capital investor and as a member of the boards of directors of multiple public and private medical device and biotechnology companies.

Deepa R. Pakianathan, Ph.D. has served as a director on our board of directors since December 2008. Since 2001, Dr. Pakianathan has been a Managing Member at Delphi Ventures, a venture capital firm focused on biotechnology and medical device investments, and leads the firm's biotechnology investment activities. From 1998 to 2001, Dr. Pakianathan was a senior biotechnology banker at JPMorgan, a global investment bank, from 1997 to 1998, she was a research analyst covering biotech at Genesis Merchant Group and from 1993 to 1997 she was a post-doctoral research scientist at Genentech. Dr. Pakianathan serves on the boards of directors of Alder Biopharmaceuticals, Inc., a publicly traded biopharmaceutical company, where she serves as a member of its compensation committee, Karyopharm Therapeutics, Inc., a publicly traded biopharmaceutical company, where she serves as a member of its audit and nominating and governance committees. From 2004 to 2016, Dr. Pakianathan served on the board of directors of Alexa Pharmaceuticals, Inc., from 2009 to February 2013, Dr. Pakianathan served on the board of directors of PTC Therapeutics, Inc., and from 2007 to 2012, Dr. Pakianathan served on the board of directors of PTC Therapeutics, Inc., and from 2007 to 2012, Dr. Pakianathan served on the board of directors of PTC Therapeutics, Inc., and from 2007 to 2012, Dr. Pakianathan served on the board of directors of PTC Therapeutics, Inc., and from 2007 to 2012, Dr. Pakianathan served on the board of directors of PTC Therapeutics, Inc., and from 2007 to 2012, Dr. Pakianathan served on the board of Bombay, India, a M.Sc. from The Cancer Research Institute at the University of Bombay, India, and an M.S. and Ph.D. from Wake Forest University.

Dr. Pakianathan has been chosen to serve on our board of directors due to her experience as a venture capital investor in and director of multiple biotechnology companies, including her experience on the audit committee of Alexza Pharmaceuticals, Inc., as well as her experience as a biotechnology investment banker, research analyst and research scientist.

Jonathan D. Root, M.D. has served as a director on our board of directors since August 2004. Since 1998, Dr. Root has been a Managing Member at U.S. Venture Partners, a venture capital firm. Prior to joining U.S. Venture Partners, Dr. Root was on the faculty and clinical staff at The New York Hospital-Cornell Medical Center in New York City, where he served as Assistant Professor of Neurology and Director of the Neurology-Neurosurgery Special Care Unit. Dr. Root currently serves on the boards of directors of several privately held healthcare technology companies. Dr. Root received an A.B. in Economics from Dartmouth College, an M.D. from the University of Florida College of Medicine and an M.B.A. from Columbia University.

Dr. Root has been chosen to serve on our board of directors due to his medical expertise and his clinical experience, and his experience as a venture capital investor in, and director of, multiple biotechnology companies.

PROPOSAL NO. 2

RATIFICATION OF SELECTION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The audit committee of our Board has engaged Ernst & Young LLP as our independent registered public accounting firm for the year ending December 31, 2017, and is seeking ratification of such selection by our stockholders at the Annual Meeting. Ernst & Young LLP has audited our financial statements since the year ended December 31, 2004. Representatives of Ernst & Young LLP are expected to be present at the Annual Meeting. They will have an opportunity to make a statement if they so desire and will be available to respond to appropriate questions.

Neither our bylaws nor other governing documents or law require stockholder ratification of the selection of Ernst & Young LLP as our independent registered public accounting firm. However, the audit committee is submitting the selection of Ernst & Young LLP to our stockholders for ratification as a matter of good corporate practice. If our stockholders fail to ratify the selection, the audit committee will reconsider whether or not to retain Ernst & Young LLP. Even if the selection is ratified, the audit committee in its discretion may direct the appointment of a different independent registered public accounting firm at any time during the year if they determine that such a change would be in the best interests of the Company and our stockholders.

Principal Accountant Fees and Services

The following table provides information regarding the fees incurred to Ernst & Young LLP for services rendered during the years ended December 31, 2016 and 2015, based on aggregate fees billed and estimated to be billed. All fees described below were approved by the audit committee.

Year Ended

	December 31,		
	2016	2015(3)	
Audit Fees ⁽¹⁾	\$940,939	\$724,962	
Audit-Related Fees			
Tax Fees ⁽²⁾	5,000	91,000	
All Other Fees	1,930	1,995	
Total Fees	\$947,869	\$817,957	

- (1) Audit Fees of Ernst & Young LLP for 2016 and 2015 were for professional services rendered for the audits of our financial statements, including accounting consultation; in connection with sales of our common stock in an underwritten public offering that closed on August 23, 2016 and in at-the-market offerings, each pursuant to our shelf registration statement on Form S-3 filed on June 12, 2015; and for reviews of quarterly financial statements.
- (2) Tax Fees of Ernst & Young LLP for 2016 and 2015 were for professional services rendered for tax compliance, tax advice and tax planning.
- (3) The fee amounts for 2015 have been revised from the amounts shown in our proxy statement filed on April 29, 2016 to reflect the total fees actually incurred for 2015 services. Our proxy statement filed on April 29, 2016 originally reported total fees incurred to Ernst & Young LLP for 2015 services of \$815,962.

Pre-Approval Policies and Procedures

Before an independent registered public accounting firm is engaged by the Company to render audit or non-audit services, our audit committee must review the terms of the proposed engagement and pre-approve the engagement. The audit committee may delegate authority to one or more of the members of the audit committee to provide such pre-approvals for audit or non-audit services, provided that such person or persons report such pre-approvals to the full audit committee at its next scheduled meeting. Audit committee pre-approval of non-audit services (other than review and attest services) are not required if such services fall within available exceptions established by the SEC.

The audit committee pre-approved all audit, audit-related, tax and other services provided by Ernst & Young LLP for 2016 and 2015 and the estimated costs of those services. Actual amounts billed, to the extent in excess of the estimated amounts, were periodically reviewed and approved by the audit committee.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" THIS PROPOSAL NO. 2.

REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

The material in this report is not "soliciting material," is not deemed "filed" with the SEC, and is not to be incorporated by reference into any filing of OncoMed under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.

The primary purpose of the audit committee is to oversee our financial reporting processes on behalf of our Board. The audit committee's functions are more fully described in its charter, which is available at OncoMed's investor relations website at http://www.oncomed.com/invest/governance.cfm. Management has the primary responsibility for our financial statements and reporting processes, including our systems of internal controls. In fulfilling its oversight responsibilities, the audit committee reviewed and discussed with management OncoMed's audited financial statements as of and for the year ended December 31, 2016.

The audit committee has discussed with Ernst & Young LLP, the Company's independent registered public accounting firm, the matters required to be discussed by Statement on Auditing Standards No. 1301, as amended (AICPA, Professional Standards, Vol. 1. AU section 380) as adopted by the Public Company Accounting Oversight Board (the "PCAOB") in Rule 3200T. In addition, the audit committee discussed with Ernst & Young LLP their independence, and received from Ernst & Young LLP the written disclosures and the letter required by Ethics and Independence Rule 3526 of the PCAOB. Finally, the audit committee discussed with Ernst & Young LLP, with and without management present, the scope and results of Ernst & Young LLP's audit of such financial statements.

Based on these reviews and discussions, the audit committee has recommended to our Board that such audited financial statements be included in our Annual Report on Form 10-K for the year ended December 31, 2016 for filing with the SEC. The audit committee also has engaged Ernst & Young LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2017 and is seeking ratification of such selection by the stockholders.

Audit Committee

Michael S. Wyzga, Chairman

Perry A. Karsen

Deepa R. Pakianathan, Ph.D.

CORPORATE GOVERNANCE

Independence of the Board of Directors

As required under NASDAQ rules and regulations, a majority of the members of a listed company's board of directors must qualify as "independent," as affirmatively determined by the Board. The Board consults with the Company's counsel to ensure that the Board's determinations are consistent with all relevant securities and other laws and regulations regarding the definition of "independent," including those set forth in pertinent NASDAQ listing standards, as in effect from time to time.

Consistent with these considerations, our Board has determined that all of our directors, other than Mr. Hastings, qualify as "independent" directors in accordance with the NASDAQ listing requirements. Mr. Hastings is not considered independent because he is an employee of OncoMed. The NASDAQ independence definition includes a series of objective tests, such as 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 has made a subjective determination as to each independent director that no relationships exist, which, in the opinion of our Board, would interfere with the exercise of independent judgment in carrying out the responsibilities of a director. In making these determinations, our Board considered 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.

As required under NASDAQ rules and regulations, our independent directors meet in regularly scheduled executive sessions at which only independent directors are present. All of the committees of our Board are comprised entirely of directors determined by the Board to be independent within the meaning of NASDAQ and SEC rules and regulations applicable to the members of such committees.

Leadership Structure of the Board

Since August 2013, Mr. Hastings has served as both Chairman of the Board and as Chief Executive Officer and President. In his position as Chief Executive Officer and President, Mr. Hastings has primary responsibility for the day-to-day operations of the Company and provides consistent leadership of the Company's key strategic objectives. In his role as Chairman of the Board, he sets the strategic priorities for the Board, presides over its meetings and communicates its strategic findings and guidance to the other members of senior management. The Board believes that the combination of these two roles provides more consistent communication and coordination throughout the organization, which results in a more effective and efficient implementation of corporate strategy. The Board further believes that this combination is important in unifying the Company's strategy behind a single vision. In addition, we have found that our Chief Executive Officer is the most knowledgeable member of the Board regarding risks the Company may be facing and, in his role as Chairman, is able to facilitate the Board's oversight of such risks.

Mr. Lasersohn, an independent director and chairman of our nominating and corporate governance committee, has served as Lead Director since August 2013. Duties of the Lead Director include the following when appropriate: (i) collaborating with the Chairman of the Board to schedule meetings and, together with the input of the independent directors, setting meeting agendas; (ii) presiding as the chair at executive sessions of independent directors; (iii) serving as the principal liaison between the Chairman of the Board and independent directors on issues related to the Board; (iv) briefing the Chairman of the Board on issues arising in the executive sessions of the Board and, where necessary, serving as a non-executive conduit to the Chairman of the Board of the views, concerns and issues of the independent directors that may arise outside of Board meetings; (v) participating actively in corporate governance; (vi) calling meetings of independent directors or requesting the Chairman of the Board to call meetings of the

independent directors as necessary; (vii) being available, upon specific request of the Chief Executive Officer, for consultation and communication with stockholders of the Company; and (viii) performing such other duties as the Board may, from time to time, delegate.

Our Board will continue to periodically review our leadership structure and may make such changes in the future as it deems appropriate. Our bylaws and corporate governance guidelines provide our Board with flexibility to combine or separate the positions of Chairman of the Board and Chief Executive Officer and/or the implementation of a lead director in accordance with its determination that utilizing one or the other structure would be in the best interests of our company. Our Board has concluded that our current leadership structure is appropriate at this time.

Role of Board in Risk Oversight Process

Risk assessment and oversight are an integral part of our governance and management processes. Our Board 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 facing us. Throughout the year, senior management reviews these risks with the Board 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 does not have a standing risk management committee, but rather administers this oversight function directly through our Board as a whole, as well as through various standing committees of our Board that address risks inherent in their respective areas of oversight. In particular, our Board is responsible for monitoring and assessing strategic risk exposure and 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 party transactions. Our nominating and corporate 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.

Board Committees

Audit Committee

Our audit committee oversees our corporate accounting and financial reporting process. Among other matters, the audit committee:

appoints our independent registered public accounting firm;

evaluates the independent registered public accounting firm's qualifications, independence and performance; determines the engagement of the independent registered public accounting firm;

reviews and approves the scope of the annual audit and the audit fee;

discusses with management and the independent registered public accounting firm the results of the annual audit and the review of our quarterly financial statements;

approves the retention of the independent registered public accounting firm to perform any proposed permissible audit and non-audit services;

monitors the rotation of partners of the independent registered public accounting firm on our engagement team as required by law;

is responsible for reviewing our financial statements and our management's discussion and analysis of financial condition and results of operations to be included in our annual and quarterly reports to be filed with the SEC; reviews our critical accounting policies and estimates;

reviews related party transactions; and

annually reviews the audit committee charter and the committee's performance.

As of January 1, 2016 through April 11, 2016, the members of our audit committee were Messrs. Wyzga and Lasersohn and Dr. Pakianathan, with Mr. Wyzga serving as the chairperson of the committee. On April 11, 2016, the Board approved a change in the composition of our audit committee, with the membership of the committee thereafter consisting of Messrs. Wyzga and Karsen and Dr. Pakianathan, with Mr. Wyzga serving as the chairperson. Each director who was a member of our audit committee at any time during 2016, and each current member of our audit committee, meets the requirements for financial literacy under the applicable rules and regulations of the SEC and NASDAQ. Our Board has determined that Mr. Wyzga is an audit committee financial expert as defined under the

applicable rules of the SEC and has the requisite financial sophistication as defined under the applicable rules and regulations of NASDAQ. Our Board has determined that each of Messrs. Wyzga, Lasersohn and Karsen and Dr. Pakianathan are independent under the applicable rules of NASDAQ

and under the applicable rules of the SEC. The audit committee operates under a written charter that satisfies the applicable standards of the SEC and NASDAQ. A copy of the audit committee charter is available to security holders at http://www.oncomed.com/invest/governance.cfm

Compensation Committee

Our compensation committee reviews and recommends policies relating to compensation and benefits of our officers and employees. The compensation committee reviews and approves corporate goals and objectives relevant to compensation of our Chief Executive Officer and other executive officers, evaluates the performance of these officers in light of those goals and objectives, and sets the compensation of these officers, other than the Chief Executive Officer, based on such evaluations. The Board retains the authority to determine and approve, upon the recommendation of the compensation committee, the compensation of the Chief Executive Officer, unless such authority has been delegated to the compensation committee. Our executive officers submit proposals to the Board regarding our executive and director compensation. The compensation committee also approves grants of stock options and other awards under our stock plans. The compensation committee will review and evaluate, at least annually, the performance of the compensation committee and its members, including compliance of the compensation committee with its charter. As of January 1, 2016 through April 11, 2016, the members of our compensation committee were Drs. Pakianathan, Scots-Knight and Root, with Dr. Root serving as the chairperson of the committee. On April 11, 2016, the Board approved a change in the composition of our compensation committee, with the membership of the committee thereafter consisting of Mr. Winningham and Drs. Pakianathan, Scots-Knight and Root, with Mr. Winningham serving as the chairperson. No director who was a member of our compensation committee at any time during 2016, and no current member of our compensation committee, has at any time been one of our officers or employees. Each director who was a member of our compensation committee at any time during 2016, and each current member of our compensation committee, is an independent, outside and non-employee director under the applicable rules and regulations of the SEC, NASDAQ and the Internal Revenue Code of 1986, as amended, relating to compensation committee independence. The compensation committee operates under a written charter that satisfies the applicable standards of the SEC and NASDAQ. A copy of the compensation committee charter is available to security holders at http://www.oncomed.com/invest/governance.cfm.

In 2016, the compensation committee retained Radford, a national executive compensation consulting firm, to conduct market research and analysis on our various executive positions, to assist the committee in developing appropriate incentive plans for our executives on an annual basis, to provide the committee with advice and ongoing recommendations regarding material executive compensation decisions, and to review compensation proposals of management. In compliance with the disclosure requirements of the SEC regarding the independence of compensation consultants, Radford addressed each of the six independence factors established by the SEC with the compensation committee. Its responses affirmed the independence of Radford on executive compensation matters. Based on this assessment, the compensation committee determined that the engagement of Radford does not raise any conflicts of interest or similar concerns. The compensation committee also evaluated the independence of other outside advisors to the compensation committee, including outside legal counsel, considering the same independence factors and concluded their work for the compensation committee does not raise any conflicts of interest.

Nominating and Corporate Governance Committee

The nominating and corporate governance committee is responsible for making recommendations to our Board regarding candidates for directorships and the size and composition of our Board. In addition, the nominating and corporate governance committee is responsible for overseeing our corporate governance policies and reporting and making recommendations to our Board concerning governance matters. As of January 1, 2016 through April 11, 2016, the members of our nominating and corporate governance committee were Drs. Lasky and Scots-Knight and Mr. Lasersohn, with Mr. Lasersohn serving as the chairperson of the committee. On April 11, 2016, the Board approved a

change in the composition of our nominating and corporate governance committee, with the membership of the committee thereafter consisting of Drs. Lasky and Scots-Knight and Messrs. Lasersohn and Karsen, with Mr. Lasersohn serving as the chairperson of the committee. Each director who was a member of our nominating and corporate governance committee at any time during 2016, and each current member of our nominating and corporate governance committee, is an independent director under the applicable rules and regulations of NASDAQ relating to nominating and corporate governance committee independence. The nominating and corporate governance committee operates under a written charter. A copy of the nominating and corporate governance committee charter is available to security holders at http://www.oncomed.com/invest/governance.cfm.

In recommending candidates for election to the Board, the independent members of the nominating and corporate governance committee may consider the following criteria, among others: diversity of personal and professional background, perspective and experience; personal and professional integrity, ethics and values; experience in corporate management, operations or finance, such as serving as an officer or former officer of a publicly held company, and a general understanding of marketing, finance and other elements relevant to the success of a publicly traded company in today's business environment; experience relevant to the Company's industry and with relevant social policy concerns; experience as a board member of another publicly held company; relevant academic expertise or other proficiency in an area of the Company's operations; practical and mature business judgment, including ability to make independent analytical inquiries; promotion of a diversity of business or career experience relevant to the success of the Company. The Board evaluates each individual in the context of the Board as a whole, with the objective of assembling a group that can best maximize the success of the business and represent stockholder interests through the exercise of sound judgment using its diversity of experience in these various areas.

The nominating and corporate governance committee will consider director candidates recommended by stockholders. For a stockholder to make any recommendation or nomination for election to the Board at an annual meeting, the stockholder must provide notice to the Company, which notice must be delivered to, or mailed and received at, the Company's principal executive offices not less than 90 days and not more than 120 days prior to the one-year anniversary of the preceding year's annual meeting; provided, that if the date of the annual meeting is more than 30 days before or more than 60 days after such anniversary date, the stockholder's notice must be delivered, or mailed and received, not later than 90 days prior to the date of the annual meeting or, if later, the 10th day following the date on which public disclosure of the date of such annual meeting is made. Further updates and supplements to such notice may be required at the times, and in the forms, required under our bylaws. As set forth in our bylaws, submissions must include the name and address of the proposed nominee, information regarding the proposed nominee that is required to be disclosed in a proxy statement or other filings in a contested election pursuant to Section 14(a) under the Exchange Act of 1934, as amended (the "Exchange Act"), information regarding the proposed nominee's indirect and direct interests in shares of the Company's common stock, and a completed and signed questionnaire, representation and agreement of the proposed nominee. Our bylaws also specify further requirements as to the form and content of a stockholder's notice. We recommend that any stockholder wishing to make a nomination for director review a copy of our bylaws, as amended and restated to date, which is available, without charge, from our General Counsel, at 800 Chesapeake Drive, Redwood City, California 94063.

Meetings of the Board of Directors, Board and Committee Member Attendance and Annual Meeting Attendance

During 2016, our Board met nine times, the audit committee met six times, the compensation committee met five times and the nominating and corporate governance committee met two times. Each Board member attended 75% or more of the aggregate of the meetings of the Board and of the committees on which he or she served, which occurred while such director was a member of the Board and such committees, during 2016. We encourage all of our directors and nominees for director to attend our annual meetings of stockholders; however, attendance is not mandatory. Nine of the Company's ten then-serving board members attended our 2016 annual meeting of stockholders, either in person or by teleconference.

Stockholder Communications with the Board of Directors

Should stockholders wish to communicate with the Board or any specified individual directors, such correspondence should be sent to the attention of our General Counsel, at 800 Chesapeake Drive, Redwood City, California 94063. The General Counsel will forward the communication to the Board members.

Compensation Committee Interlocks and Insider Participation

During 2016, our compensation committee consisted of Mr. Winningham and Drs. Pakianathan, Scots-Knight and Root. No such member of our compensation committee has at any time been one of our officers or employees. None of our executive officers currently serves, or in the past fiscal year has served, as a member of the board of directors or compensation committee of any entity that has one or more executive officers on our Board or compensation committee.

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

We describe below transactions and series of similar transactions, since January 1, 2016, to which we were a party or will be a party, in which:

the amounts involved exceeded or will exceed \$120,000; and

any of our directors, executive officers or holders of more than 5% of our common stock, or an affiliate or immediate family member thereof, had or will have a direct or indirect material interest. Relationship with GSK

In December 2007, we entered into a collaboration agreement with GlaxoSmithKline LLC (formerly SmithKline Beecham Corporation) ("GSK"). In July 2011 and July 2012, we amended this collaboration agreement. GSK acquired its equity interest in the Company in part concurrent with its entry into the collaboration agreement and in part in connection with a subsequent financing in 2008. As of April 7, 2017, GSK beneficially owns 6.93% of our issued and outstanding common stock. Pursuant to the collaboration, in 2016 we recognized \$0.6 million for the reimbursement of research and development costs for services performed in 2016. See "Business—Key Collaboration and License Agreements—Strategic Alliance with GSK" in the Annual Report for additional information about this collaboration, including potential future milestone payments, contingent consideration and royalties we may receive from GSK under the collaboration.

Relationship with Celgene

In December 2013, we entered into a collaboration agreement with Celgene Corporation ("Celgene"). Celgene acquired its equity interest in the Company in part concurrent with its entry into the collaboration agreement and in part in connection with an underwritten public offering of shares of our common stock in 2016. As of April 7, 2017, Celgene beneficially owns 7.90% of our issued and outstanding common stock. Pursuant to the collaboration, in 2016 we recognized \$1.8 million for the reimbursement of research and development costs for services performed in 2016. In December 2015, we achieved a \$70.0 million safety milestone from Celgene based on an analysis of available demcizumab Phase Ib and blinded interim Phase II clinical trial safety data. We received the \$70.0 million safety milestone payment in February 2016 and recorded it as deferred revenue which will be recognized over the estimated period of performance, which is the period Celgene can exercise its option. See "Business—Key Collaboration and License Agreements—Strategic Alliance with Celgene" in the Annual Report for additional information about this collaboration, including potential future milestone payments, contingent consideration and royalties we may receive from Celgene, and potential profit-sharing arrangements with Celgene that may arise, under the collaboration.

Director and Officer Indemnification Agreements

We have entered into indemnification agreements with each of our directors and executive officers. These agreements, among other things, require us to indemnify each director (and in certain cases their related venture capital funds) and executive officer to the fullest extent permitted by Delaware law, including indemnification of expenses such as attorneys' fees, judgments, fines and settlement amounts incurred by the director or executive officer in any action or proceeding, including any action or proceeding by or in right of us, arising out of the person's services as a director or executive officer.

Policies and Procedures for Related Party Transactions

Our Board has adopted a written related party transaction policy setting forth the policies and procedures for the review and approval or ratification of related party transactions. This policy covers, with certain exceptions set forth in Item 404 of Regulation S-K under the Securities Act, any transaction, arrangement or relationship, or any series of

similar transactions, arrangements or relationships in which we were or are to be a participant, where the amount involved exceeds \$120,000 and a related party had, has or will have a direct or indirect material interest, including, without limitation, purchases of goods or services by or from the related party or entities in which the related party has a material interest, indebtedness, guarantees of indebtedness and employment by us of a related party. In reviewing and approving any such transactions, our audit committee is tasked to consider all relevant facts and circumstances, including, but not limited to, whether the transaction is on terms comparable to those that could be obtained in an arm's length transaction and the extent of the related party's interest in the transaction.

DIRECTOR COMPENSATION

We have adopted a non-employee director compensation policy, which was last amended on June 24, 2015. We do not provide directors who are our employees with additional compensation for their service as directors.

Under our non-employee director compensation policy, each non-employee director receives an annual retainer of \$40,000. Non-employee directors receive additional annual retainers of \$10,000 for serving on the audit committee (or \$15,000 for serving as the chair of the audit committee), \$7,000 for serving on the compensation committee (or \$10,000 for serving as the chair of the compensation committee) and \$5,000 for serving on the nominating and corporate governance committee (or \$8,000 for serving as the chair of the nominating and corporate governance committee). Mr. Winningham also received a cash payment equal to \$2,500 during each quarter he served in 2016 (pro-rated for any partial quarter of service) until his appointment to the compensation committee on April 11, 2016, for assuming certain additional responsibilities relating to his service as a director, as requested by the Board. In addition, as of April 11, 2016, Dr. Lasky began receiving an annual retainer of \$7,000 for assuming certain additional responsibilities relating to our scientific strategy and Mr. Karsen began receiving an annual retainer of \$7,000 for assuming certain additional responsibilities relating to our business development strategy, in each case as requested by the Board. Retainers are paid to our non-employee directors quarterly in arrears and are pro-rated for any partial guarter of service. Each non-employee director is granted an annual option under our 2013 Equity Incentive Award Plan (or the "2013 Plan") to purchase 15,000 shares of our common stock on the date of each annual meeting of stockholders, and such option will vest as to 100% of the shares subject thereto upon the earlier of one year following the grant date or the date of the subsequent year's annual meeting of stockholders, subject to the director's continued service to OncoMed through the vesting date. In addition, upon a director's initial appointment or election to our Board, he or she is granted an option under our 2013 Plan to purchase that number of shares equal to 0.1% of our then-outstanding capital stock, and the option vests in three equal annual installments, subject to the director's continued service to OncoMed through the applicable vesting date. The policy also provides that upon a "Change in Control" of OncoMed (as defined in our 2013 Plan), all outstanding equity awards granted under the 2013 Plan or any other equity incentive plan maintained by OncoMed that are held by a non-employee director will become fully vested and/or exercisable. Members of our board of directors are also reimbursed for reasonable travel and other out-of-pocket expenses.

The following table sets forth information concerning the compensation earned by our non-employee directors during the year ended December 31, 2016.

Fee

	rees		
	Earned		
	or Paid	Option	
	in Cash		
Name	(\$)	Awards $^{(1)(2)}($)$	Total (\$)
Elisha P. ("Terry") Gould III	40,000	119,643	159,643
Perry A. Karsen	55,896	510,473	566,369
Jack W. Lasersohn, J.D.	50,775	119,643	170,418
Laurence Lasky, Ph.D.	50,058	119,643	169,701
Deepa R. Pakianathan, Ph.D.	57,000	119,643	176,643
Jonathan D. Root, M.D.	47,832	119,643	167,475

Denise Scots-Knight, Ph.D.	52,000	119,643	171,643
Rick E Winningham	50,000	119,643	169,643
Michael S. Wyzga	55,000	119,643	174,643

- (1) Amount reflects the aggregate grant date fair value of options granted during 2016 computed in accordance with ASC Topic 718, as used by analogy for non-employees. The assumptions used in the valuation of these awards are set forth in Note 12 to our financial statements, which are included in our Annual Report on Form 10-K for the year ended December 31, 2016.
- (2) As of December 31, 2016, the following options held by our non-employee directors were outstanding:

Shares Subject to

Outstanding

Name	Options
Elisha P. ("Terry") Gould III	45,000
Perry A. Karsen	45,189
Jack W. Lasersohn, J.D.	45,000
Laurence Lasky, Ph.D.	55,000
Deepa R. Pakianathan, Ph.D.	45,000
Jonathan D. Root, M.D.	45,000
Denise Scots-Knight, Ph.D.	45,000
Rick E Winningham	45,000
Michael S. Wyzga	72,853

EXECUTIVE OFFICERS

The following is biographical information for our executive officers, including their ages, as of April 7, 2017.

Name	Age	Position(s)
Paul J. Hastings	57	Chairman of the Board, Chief Executive Officer and President
John A. Lewicki, Ph.D.	65	Executive Vice President, Research and Development
Sunil Patel	45	Chief Financial Officer, Senior Vice President, Corporate Development and Finance
Austin Gurney, Ph.D.	53	Senior Vice President, Molecular and Cellular Biology and co-Chief Scientific Officer
Timothy Hoey, Ph.D. Alicia J. Hager, J.D.,	58	Senior Vice President, Cancer Biology and co-Chief Scientific Officer
Ph.D.	47	Senior Vice President and General Counsel

Paul J. Hastings has served as our Chief Executive Officer and President and as a member of our board of directors since January 2006 and has served as Chairman of the Board since August 2013. Please see Mr. Hastings' biography set forth above in the section entitled "Proposal No. 1—Election of Directors."

John A. Lewicki, Ph.D. has served as our Executive Vice President, Research and Development since January 2016, and previously served as our Executive Vice President and Chief Scientific Officer from December 2009, and Senior Vice President, Research and Development from 2004. From 1983 to 2000, Dr. Lewicki served in various capacities at Scios, Inc., a publicly traded biopharmaceutical company that developed drugs for the treatment of cardiovascular, inflammatory and other diseases, including 12 years as its Vice President of Research, in which capacity he managed the company's research organization across diverse therapeutic areas. Dr. Lewicki has authored or coauthored over 70 published papers and book chapters and is listed as an inventor on over 30 issued U.S. patents. Dr. Lewicki received a Ph.D. in Physiology/Pharmacology from the University of California, San Diego.

Sunil Patel has served as our Chief Financial Officer, Senior Vice President, Corporate Development and Finance since March 31, 2014, and previously served as our Senior Vice President, Chief Business Officer from December 2012 to March 2014 and Senior Vice President, Corporate Development from July 2009 to December 2012. From September 2008 to June 2009, Mr. Patel served as the Vice President of Corporate Development & Marketing at BiPar Sciences Inc., a privately-held biotechnology company that focused on the development of cancer therapies and was acquired by Sanofi-Aventis S.A. in 2009. From May 2007 to August 2008, Mr. Patel served as the Vice President of Corporate Development at Allos Therapeutics, Inc., a publicly traded biopharmaceutical company focused on the development and commercialization of cancer therapeutics. Prior to that time, Mr. Patel held corporate development, marketing, and strategy positions with Connetics Corporation, Abgenix, Inc. and Gilead Sciences, Inc. Mr. Patel also previously worked as a consultant with McKinsey & Company from 1998 to 2003. Since October 2010, Mr. Patel has served on the board of directors of Ligand Pharmaceuticals, Inc., a publicly traded biotechnology company. Mr. Patel has served on the University of California Berkeley and an M.S. in Molecular Bioengineering/Biotechnology from the University of Washington.

Austin Gurney, Ph.D. has served as our Senior Vice-President, Molecular and Cellular Biology and co-Chief Scientific Officer since January 2016, and previously served as our Senior Vice President, Molecular and Cellular Biology from December 2009, and Vice President of Molecular and Cellular Biology from 2004. Prior to that time, Dr. Gurney worked at Genentech, Inc., where his research contributed to the discovery of numerous growth factors

and cytokines. Dr. Gurney has authored or co-authored more than 60 published scientific papers and is listed as an inventor on over 600 patents related to therapeutic applications in immunology and cancer. Dr. Gurney received a B.S. in Biology from Rensselaer Polytechnic Institute and a Ph.D. in Molecular and Cellular Biology from the Case Western Reserve University School of Medicine.

Timothy Hoey, Ph.D. has served as our Senior Vice-President, Cancer Biology and co-Chief Scientific Officer since January 2016, and previously served as our Senior Vice President, Cancer Biology from December 2009, and our Vice President, Cancer Biology from 2005. Prior to that time, Dr. Hoey served as Director, Biology Department at Amgen (San Francisco), where he was responsible for characterization of oncogenes and development of drugs to target oncogene products. Dr. Hoey previously served as Director, Biology Department at Tularik Inc., a publicly traded biopharmaceutical company that was acquired by Amgen, Inc. in 2004. Dr. Hoey has authored or co-authored more than 60 published scientific papers and is listed

as an inventor on several patents. Dr. Hoey received a B.S. in Biology from the University of Michigan and a Ph.D. in Biological Sciences from Columbia University.

Alicia J. Hager, J.D., Ph.D. has served as our Senior Vice President and General Counsel since January 2017, and previously served as our Vice President and General Counsel from December 2012, our Vice President, Legal Affairs from July 2010 and our Chief Patent Counsel from November 2008. From June 2008 to October 2008, Dr. Hager served as our Senior Patent Counsel. From October 2002 to May 2008, Dr. Hager was an associate at the law firm of Morrison & Foerster LLP, where she served as intellectual property counsel for biotech and pharmaceutical clients. Prior to Morrison & Foerster LLP, Dr. Hager was a patent agent at the law firm of Heller Ehrman White & McAuliffe LLP. Dr. Hager received an A.B. in Chemistry from Occidental College, an A.M. and Ph.D. in Chemistry from Harvard University and a J.D. from Stanford Law School.

EXECUTIVE COMPENSATION

The following is a discussion and analysis of compensation arrangements of our named executive officers, or "NEOs." As an "emerging growth company" as defined in the JOBS Act, we are not required to include a Compensation Discussion and Analysis section and have elected to comply with the scaled disclosure requirements applicable to emerging growth companies.

We seek to ensure that the total compensation paid to our executive officers is reasonable and competitive. Compensation of our executives is structured around the achievement of individual performance and near-term corporate targets as well as long-term business objectives.

Our NEOs for fiscal year 2016 were as follows:

Paul Hastings, Chairman, Chief Executive Officer and President;

• Jakob Dupont, M.D., former Senior Vice President and Chief Medical Officer; and

John A. Lewicki, Ph.D., Executive Vice President, Research and Development. Dr. Dupont resigned from OncoMed as of December 31, 2016.

2016 Summary Compensation Table

The following table sets forth total compensation paid to our NEOs, who are comprised of (1) our principal executive officer and (2) our next two highest compensated executive officers during the year ended December 31, 2016, other than the principal executive officer.

					NON-EQUITY	
					INCENTIVE	
			STOCK	OPTION	PLAN	
NAME AND PRINCIPAL		SALARY	AWARDS	AWARDS	COMPENSATION	TOTAL
POSITION	YEAR	(\$)	(\$) ⁽¹⁾	(\$) ⁽¹⁾	(\$) ⁽²⁾	(\$)
Paul Hastings,	2016	535,075	158,760		264,862	958,697

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Chairman, Chief	2015	516,980	—	2,213,383	323,113	3,053,476
Executive Officer & President						
Jakob Dupont, M.D.,	2016	415,553	141,750		149,555	706,858
Former Senior Vice President &	2015	399,571		884,058	174,812	1,458,441
Chief Medical Officer(3)						
ohn A. Lewicki, Ph.D.,	2016	407,550	141,750		146,718	696,018
Executive Vice President,	2015	390,000	—	884,058	170,625	1,444,683
Research and Development						

- Amounts reflect the aggregate grant date fair value of restricted stock units and stock options computed in accordance with ASC Topic 718. The assumptions used in the valuation of these awards are set forth in Note 12 to our financial statements, which are included in our Annual Report on Form 10-K for the year ended December 31, 2016.
- (2) Represents amount paid under our cash incentive programs which are earned by our NEOs pursuant to the achievement of certain performance objectives. For fiscal year 2016, these amounts were paid to our NEOs in early 2017. Please see the descriptions of the annual bonuses paid to our NEOs in "Narrative to 2016 Summary Compensation Table and Outstanding Equity Awards at 2016 Fiscal Year End—Terms and Conditions of Performance-Based Annual Bonus Program" below.
- (3)Dr. Dupont resigned from OncoMed on December 31, 2016. He did not receive any severance payments in connection with his resignation.

Outstanding Equity Awards at 2016 Fiscal Year End

The following table lists all outstanding equity awards held by our NEOs as of December 31, 2016.

		OPTION AWARDS					AWARDS MARKET
						NUMBE	WALUE
						OF	OF
						SHARES	SSHARES
						OR	OR
						UNITS	UNITS
		NUMBER	NUMBER			OF	OF
		OF SECURITI	E 9 F SECURITIE	S		STOCK	STOCK
		UNDERLYING	GUNDERLYING			THAT	THAT
		UNEXERCISE	DUNEXERCISED	OPTION		HAVE	HAVE
	VESTING	OPTIONS	OPTIONS	EXERCISI	EOPTION	NOT	NOT
	COMMENCEMENT	(#)	(#)	PRICE	EXPIRAT	IØESTEI	OVESTED
NAME	DATE	EXERCISABL	HUNEXERCISAE	BK£	DATE	(#)	(\$) ⁽⁵⁾
Paul Hastings	1/1/2007	42,738		1.43	1/11/2017	_	
0	12/5/2008	331,187		3.42	12/5/2018		
	12/18/2009	84,929		4.11	12/18/2019		
	7/17/2013(1)	136,666	23,334	17.00	7/17/2023	_	

	3/25/2014 ⁽²⁾	_	_		— 16,875	130,106
	12/18/2014(1)	70,000	70,000	21.18	12/18/2024 —	
	12/28/2015(1)	42,500	127,500	22.10	12/28/2025 —	
	10/9/2016(3)				— 14,000	107,940
Jakob Dupont,	10,7,2010				1,000	107,910
M.D. ⁽⁶⁾	10/1/2011(4)	138,937		4.56	10/24/2021 —	
	7/17/2013 ⁽¹⁾	38,437		17.00	7/17/2023 —	
	12/18/2014 ⁽¹⁾	25,000		21.18	12/18/2024 —	
	12/27/2015 ⁽¹⁾	17,500		21.43	12/27/2025 —	
John A. Lewicki		17,500		21.15	12/2//2025	
Ph.D.	, 1/1/2007	9,175		1.43	1/11/2017 —	
1 11.12.	12/5/2008	134,423		3.42	12/5/2018 —	
	12/18/2009	59,409		4.11	12/18/2019 -	
	7/17/2013 ⁽¹⁾	11,958	2,042	17.00	7/17/2023 —	
	3/25/2014 ⁽²⁾	11,938	2,042	17.00	- 15,000	115,650
		25 000	25,000	<u> </u>	· · · · · · · · · · · · · · · · · · ·	115,050
	$12/18/2014^{(1)}$	25,000	25,000	21.18	12/18/2024 —	_
	$12/27/2015^{(1)}$	17,500	52,500	21.43	12/27/2025 —	
	10/9/2016 ⁽³⁾		—		— 12,500	96,375

(1) These options vest and become exercisable as to 1/48th of the shares on each monthly anniversary of the vesting commencement date, such that all shares subject to an option will be vested and exercisable on the fourth anniversary of the vesting commencement date, subject to the holder continuing to provide services to us through the applicable vesting date.

- (2) These restricted stock units vest in full on March 31, 2017, subject to the holder continuing to provide services to us through the vesting date.
- (3) 25% of the RSUs vest on each of the first and second anniversaries of the vesting commencement date, and 50% of the RSUs vest on the third anniversary of the vesting commencement date, subject to the holder continuing to provide services to us through the applicable vesting date.
- (4) These options vest and become exercisable as to 20% of the shares on the first anniversary of the vesting commencement date and vest and become exercisable as to 1/60th of the shares on each monthly anniversary thereafter, such that all shares subject to an option will be vested on the fifth anniversary of the vesting commencement date, subject to the holder continuing to provide services to us through the applicable vesting date.
- (5) Amount shown is based on market value per share of our common stock of \$7.71, which represents the closing price of our common stock on the NASDAQ Global Select Market on December 30, 2016.
- (6) Dr. Dupont resigned from OncoMed on December 31, 2016 and, in connection with such resignation, he forfeited all unvested shares subject to his equity awards. Dr. Dupont had until March 31, 2017 to exercise the vested shares subject to his options.

Narrative to 2016 Summary Compensation Table and Outstanding Equity Awards at 2016 Fiscal Year End

Terms and Conditions of Offer Letter for Paul Hastings

On November 12, 2005, we entered into an offer letter agreement with Mr. Hastings (the "Hastings Offer Letter"), as last amended in October 2015, to serve as our Chief Executive Officer and President, providing for an annual base salary, which was \$535,075 in 2016, and an annual target bonus of up to a certain percentage of such base salary, which was 55% in 2016, upon achievement of specific corporate and individual goals and objectives to be established by our board of directors. Mr. Hastings' base salary is subject to review annually. Pursuant to the Hastings Offer Letter, in the event of a "change in control" (as defined in the Hastings Offer Letter) of the Company, the vesting of Mr. Hastings' equity awards, including, without limitation, his stock options and restricted stock units, will be accelerated with respect to 25% of shares subject thereto. In the event of (a) a termination of Mr. Hastings' employment with us other than for "cause" (as defined in the Hastings Offer Letter), or (b) Mr. Hastings' resignation for "good reason" (as defined in the Hastings Offer Letter) within 18 months following a change in control, if he signs and does not revoke a standard form of release of claims, Mr. Hastings shall receive (i) a severance amount equal to the sum of 24 months of base salary and 24 months target bonus, (ii) up to 24 months of continued healthcare coverage, and (iii) 100% vesting acceleration of outstanding equity awards. In the event of (a) a termination of Mr. Hastings' employment with us other than for "cause" (as defined in the Hastings Offer Letter), or (b) Mr. Hastings' resignation for "good reason" (as defined in the Hastings Offer Letter) prior to or more than 18 months after a change in control, if he signs and does not revoke a standard form of release of claims, Mr. Hastings shall receive (i) a severance amount equal to the sum of 12 months of base salary and 12 months target bonus and (ii) up to 12 months of continued healthcare coverage.

Terms and Conditions of Offer Letters for Jakob Dupont, M.D. and John A. Lewicki, Ph.D.

We have entered into standard offer letters with each of Drs. Dupont and Lewicki that provided for annual base salary, annual target bonus and certain benefits, which may be changed in the discretion of the Company. All other obligations under the offer letters have been satisfied. Dr. Dupont's offer letter terminated upon his resignation from OncoMed on December 31, 2016.

Terms and Conditions of Change in Control and Severance Agreements for Jakob Dupont, M.D. and John A. Lewicki, Ph.D.

We entered into Change in Control and Severance Agreements with Drs. Dupont and Lewicki, as amended in October 2015 (collectively, the "Change in Control and Severance Agreements"), each of which provides that in the event of (a) a termination of his employment with us other than for "cause" (as defined in the applicable Change in Control and

Severance Agreement), or (b) his resignation for "good reason" (as defined in the applicable Change in Control and Severance Agreement), if he signs and does not revoke a standard form of release of claims, then Drs. Dupont or Lewicki shall be

entitled to receive (i) a severance amount equal to the sum of nine months of base salary and nine months target bonus, and (ii) up to nine months of continued healthcare coverage. If such qualifying termination or resignation occurs within 12 months following a "change in control" (as defined in the applicable Change in Control and Severance Agreement) of the Company, and he signs and does not revoke a standard form of release of claims, Drs. Dupont or Lewicki will instead receive (i) a severance amount equal to the sum of 12 months of base salary and 12 months target bonus, (ii) up to 12 months of continued healthcare coverage, and (iii) 100% vesting acceleration of outstanding equity awards, including, without limitation, his stock options and restricted stock units. In the event of a change in control, the vesting of any equity awards will automatically accelerate as to 25% of the total number of shares subject thereto. Dr. Dupont's Change in Control and Severance Agreement terminated upon his resignation from OncoMed on December 31, 2016.

Terms and Conditions of Performance-Based Annual Bonus Program

For fiscal year 2016, all of our NEOs were eligible for performance-based cash incentives pursuant to the achievement of certain performance objectives. The performance goals for these annual performance cash incentives are reviewed and approved annually by our compensation committee. The determination of the amount of bonuses paid to our NEOs generally reflects a number of considerations, including revenue and operational goals.

Target Bonus Opportunity

Each NEO's target bonus opportunity is expressed as a percentage of base salary which can be achieved by meeting corporate and divisional goals and may be increased or decreased based on individual performance. For each of our NEOs, their target bonus opportunity is originally set in their offer letters with us as described above. Our compensation committee reviews these target percentages to ensure they are adequate. While reviewing these target percentages the compensation committee does not follow a formula but rather uses multiple factors as general background information prior to determining the target bonus opportunity rates for our participating NEOs. The compensation committee sets these rates based on each participating executive's experience in her or his role with the company and the level of responsibility held by each executive, which the compensation committee believes directly correlates to her or his ability to influence corporate results. For fiscal year 2016, the compensation committee used a guideline target bonus opportunity of 55% for Mr. Hastings and 40% for Drs. Dupont and Lewicki.

Performance Goals and Weighting

When determining the performance bonus amounts for our NEOs, the compensation committee sets certain performance goals, using a mixture of financial and operational performance objectives after receiving input from our Chief Executive Officer. These performance goals are not expected to be attained based on average or below average performance. Corporate goals and performance targets are reviewed and approved by the compensation committee prior to any allocation of the bonus. After determining performance targets, each performance target is given a different weight when determining the overall bonus amount based on the importance to the success of the Company for each performance target. For fiscal year 2016, the financial performance targets were weighted at 25% and the operational targets were weighted at 75%.

Achievement Level

For each of these performance goals under the annual cash incentive program, the compensation committee sets a target achievement level. There is no minimum or maximum achievement for each performance target, instead the compensation committee weighs the achievement, partial achievement or non-achievement for each performance target when deciding the overall achievement level.

In early fiscal year 2016, the compensation committee established a corporate performance target for financial and operational goals. Our operational performance goals include research and development, the achievement of certain milestones in discovery and drug development, and clinical and intellectual property performance goals during the fiscal year. These operational performance goals are internal goals and are not publicly disclosed in any form. We keep the target levels for these operational goals confidential for both operational and competitive reasons, but generally the compensation committee intended for the operational goals to require significant effort on the part of our NEOs and, therefore, set these targets at levels they believed would be difficult to achieve, such that average or below average performance would not satisfy these targets. In December 2016, the compensation committee reviewed our fiscal year 2016 company-wide

performance with respect to determining bonuses to executive officers. Based on the achievement of all financial goals and the achievement of almost all of the operational goals, the compensation committee determined the corporate performance achievement of 90%. Following its review and determinations, the compensation committee awarded 2016 cash bonuses to the NEOs of 49.5% (for Mr. Hastings) and 36.0% (for Drs. Lewicki and Dupont) of the executives' respective base salaries, which was equal to 90% of their target bonus amount. Dr. Dupont still received his annual bonus even though he resigned his employment with OncoMed on December 31, 2016, because he was employed for the entire 2016 fiscal year. The NEOs' 2016 bonuses are set forth in the "2016 Summary Compensation Table" above.

Terms and Conditions of Equity Award Grants

All of our NEOs were granted restricted stock units in fiscal year 2016. In October 2016, our compensation committee recommended that the Board grant restricted stock units to each NEO. The Board approved 14,000 restricted stock units to Mr. Hastings, 12,500 restricted stock units to Dr. Dupont and 12,500 restricted stock units to Dr. Lewicki. Twenty five percent of the restricted stock units vest on each of the first and second anniversaries of the vesting commencement date and the remaining 50% of the restricted stock units vest on the third anniversary of the vesting commencement date, subject to the holder's continued service to the company through the applicable vesting date. Dr. Dupont forfeited his restricted stock units (which were completely unvested) upon his resignation of employment from OncoMed on December 31, 2016. The table above entitled "Outstanding Equity Awards at 2016 Fiscal Year End" describes the material terms of restricted stock units and other option awards made in past fiscal years to our NEOs.

In December 2016, our compensation committee recommended that the Board grant an option to Dr. Lewicki to purchase 65,000 shares of our common stock with an exercise price equal to the closing trading price of our common stock on the date of grant. In addition, in December 2016, the compensation committee recommended that the Board grant an option to Mr. Hastings to purchase 176,000 shares of our common stock with an exercise price equal to the closing trading price of our common stock on the date of grant. These options were granted by the Board to Dr. Lewicki and Mr. Hastings on January 3, 2017, with an exercise price of \$7.66. Each option vests in equal monthly installments over four years measured from the grant date, subject to the holder's continued service to the company through the applicable vesting date.

Equity Compensation Plan Information

The following table provides certain information as of December 31, 2016, with respect to all of our equity compensation plans in effect on that date.

Plan Category	Number of Securities	Weighted-Average	Number of Securities
	to be	Exercise Price of	Remaining Available for Future
	Issued Upon Exercise of	Outstanding Options,	Issuance Under
	Outstanding Options,	Warrants and Rights	Equity Compensation Plans
	Warrants and Rights	(b)	(Excluding Securities Reflected
	(a)		in Column (a))

				(c)	
Equity Compensation Plans					
Approved					
by Stockholders ⁽¹⁾⁽²⁾	4,900,321	(3)\$	13.95	(4) 1,916,199 (5	5)
Equity Compensation Plans Not					
<u> </u>					
Approved by Stockholders	_			_	
Total	4,900,321	\$	13.95	1,916,199	

(1)Includes the OncoMed Pharmaceuticals, Inc. 2013 Equity Incentive Award Plan, 2013 Employee Stock Purchase Plan and 2004 Stock Incentive Plan, as amended.

(2) The 2013 Equity Incentive Award Plan contains an "evergreen" provision, pursuant to which the number of shares of common stock reserved for issuance pursuant to awards under such plan shall be increased on the first day of each year beginning in 2014 and ending in 2023, equal to the least of (A) 1,500,000 shares, (B) four percent (4.0%) of the shares of stock outstanding (on an as converted basis) on the last day of the immediately preceding fiscal year and (C) such smaller number of shares of stock as determined by our board of directors; provided, however, that no more than 19,634,255 shares of stock may be issued upon the exercise of incentive stock options. The 2013 Employee Stock Purchase Plan contains an "evergreen" provision, pursuant to which the number of shares of common stock reserved

for issuance under such plan shall be increased on the first day of each year beginning in 2014 and ending in 2023, equal to the least of (A) 350,000 shares, (B) one percent (1.0%) of the shares of stock outstanding (on an as converted basis) on the last day of the immediately preceding fiscal year and (C) such smaller number of shares of stock as determined by our board of directors.

- (3) Represents 4,324,631 shares subject to outstanding options and 575,690 shares that may be issued upon vesting of outstanding RSUs, in each case pursuant to equity awards issued under the OncoMed Pharmaceuticals, Inc. 2013 Equity Incentive Award Plan, 2013 Employee Stock Purchase Plan and 2004 Stock Incentive Plan, as amended.
- (4) Shares issuable upon vesting of RSUs have been excluded from the calculation of the weighted average exercise price because they have no exercise price associated with them.
- (5)Includes 944,852 shares that were available for future issuance as of December 31, 2016 under the 2013 Employee Stock Purchase Plan, which allows eligible employees to purchase shares of common stock with accumulated payroll deductions.

INFORMATION ABOUT STOCK OWNERSHIP

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table presents information as to the beneficial ownership of our common stock as of April 7, 2017 for:

each person, or group of affiliated persons, known by us to beneficially own more than five percent of our common stock;

each named executive officer as set forth in the summary compensation table included in this proxy statement; each of our directors; and

all current executive officers and directors as a group.

Beneficial ownership is determined in accordance with the rules of the SEC and generally includes voting or investment power with respect to securities. Unless otherwise indicated below, to our knowledge, the persons and entities named in the table have sole voting and sole investment power with respect to all shares beneficially owned, subject to community property laws where applicable. Shares of our common stock subject to options that are currently exercisable or exercisable within 60 days of April 7, 2017 are deemed to be outstanding and to be beneficially owned by the person holding the options for the purpose of computing the percentage ownership of that person, but are not treated as outstanding for the purpose of computing the percentage ownership of any other person.

Percentage ownership of our common stock in the table is based on 37,623,443 shares of our common stock issued and outstanding on April 7, 2017. Unless otherwise indicated, the address of each of the individuals and entities named below is c/o OncoMed Pharmaceuticals, Inc., 800 Chesapeake Drive, Redwood City, California 94063.

Shares of Common Stock Beneficially Owned (1)

	Shares of Col	u			
		Securities	Shares		
		Exercisable	Beneficially		
Name of Beneficial Owner	Common Sto	c W ithin 60 Days	Owned	Percen	t
5% Stockholders:					
Celgene Corporation ⁽²⁾	2,970,588	—	2,970,588	7.90	%
GlaxoSmithKline LLC ⁽³⁾	2,607,546	_	2,607,546	6.93	%
Morgenthaler Partners VII, L.P. ⁽⁴⁾	2,509,672	—	2,509,672	6.67	%
Entities Affiliated with The Vertical Group ⁽⁵⁾	1,500,204	—	1,500,204	3.99	%
Entities Affiliated with U.S. Venture Partners ⁽⁶⁾	2,038,265	—	2,038,265	5.42	%
Entities Affiliated with Delphi Ventures ⁽⁷⁾	2,010,542	—	2,010,542	5.34	%
Phase4 Ventures III LP ⁽⁸⁾	1,943,509		1,943,509	5.17	%
Entities Affiliated with Adams Street Partners ⁽⁹⁾	1,839,730	—	1,839,730	4.89	%
Named Executive Officers and Directors:					
Paul J. Hastings ⁽¹⁰⁾	343,426	732,572	1,075,998	2.86	%
Jakob Dupont, M.D. ⁽¹¹⁾	6,940	—	6,940	*	
John A. Lewicki, Ph.D. ⁽¹²⁾	99,388	269,017	368,405	*	
Perry A. Karsen ⁽¹³⁾		25,063	25,063	*	
Elisha P. ("Terry") Gould III ⁽⁾	1,839,730	45,000	1,884,730	5.01	%
Jack W. Lasersohn, J.D. ⁽¹⁵⁾	1,607,792	45,000	1,652,792	4.39	%
Laurence Lasky, Ph.D. ⁽¹⁶⁾	10,332	55,000	65,332	*	
Deepa R. Pakianathan, Ph.D. ⁽¹⁷⁾	2,010,542	45,000	2,055,542	5.46	%
Denise Scots-Knight, Ph.D. ⁽¹⁸⁾	1,943,509	45,000	1,988,509	5.29	%
Jonathan D. Root, M.D. ⁽¹⁹⁾	2,103,356	45,000	2,148,356	5.71	%
Rick E Winningham ⁽²⁰⁾		25,000	25,000	*	
Michael S. Wyzga ⁽²¹⁾		72,853	72,853	*	
All directors and current executive officers as a group					
(15 persons) ⁽²²⁾	10,054,746	2,285,085	12,339,831	32.80	%

*Represents beneficial ownership of less than one percent of our issued and outstanding shares of common stock.

(1)Represents shares of common stock held and options held by such individuals that were exercisable within 60 days of April 7, 2017. Includes shares held in the beneficial owner's name or jointly with others, or in the name of a bank, nominee or trustee for the beneficial owner's account. Reported numbers do not include options that vest more than 60 days after April 7, 2017.

(2) As reported on Schedule 13G filed with the SEC on August 24, 2016 by Celgene Corporation. The address of Celgene Corporation is 86 Morris Avenue, Summit, New Jersey 07901.

(3)

As reported on Schedule 13G filed with the SEC on February 14, 2014 by GlaxoSmithKline plc, with respect to shares held by GlaxoSmithKline LLC. GlaxoSmithKline plc has sole voting and dispositive power over the shares held by GlaxoSmithKline LLC. The address of GlaxoSmithKline plc is 980 Great West Road, Brentford, Middlesex, TW8 9GS, England.

(4) As reported on Schedule 13G/A filed with the SEC on February 12, 2016 by Morgenthaler Partners VII, L.P., a Delaware limited partnership ("Morgenthaler VII"), Morgenthaler Management Partners VII, L.L.C., a Delaware limited liability company ("MMP VII GP"), Robert C. Bellas, Jr. ("Bellas"), Gary R. Little ("Little"), John D. Lutsi ("Lutsi"), Gary J. Morgenthaler ("Morgenthaler"), Robert D. Pavey ("Pavey") and Peter G. Taft ("Taft"). MMP VII GP, the general partner of Morgenthaler VII, may be deemed to have sole power to vote and sole power to dispose of shares of the issuer directly owned by Morgenthaler VII. Bellas, Little, Lutsi, Morgenthaler, Pavey and Taft are

managing members of MMP VII GP and may be deemed to have shared power to vote and shared power to dispose of shares of the issuer directly owned by Morgenthaler VII. The address of such entities and persons is Morgenthaler Ventures, 3200 Alpine Road, Portola Valley, California 94028.

- (5) As reported on Schedule 13G/A filed with the SEC on January 13, 2017 by Vertical Fund I, L.P. ("VFI") and Vertical Fund II, L.P. ("VFII"). The Vertical Group, L.P., a Delaware limited partnership, is the sole general partner of each of VFI and VFII, and The Vertical Group GP, LLC, a Delaware limited liability company, controls The Vertical Group, L.P. Mr. Jack W. Lasersohn is a member and manager of The Vertical Group GP, LLC. Mr. Lasersohn disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein. The address for such entities and persons is 106 Allen Road, Suite 207, Basking Ridge, New Jersey 07920.
- (6) As reported on Schedule 13G/A filed with the SEC on February 13, 2017 by U.S. Venture Partners VIII, L.P. ("USVP VIII"), USVP VIII Affiliates Fund, L.P. ("USVP VIII AF"), USVP Entrepreneur Partners VIII-A, L.P. ("USVP EP VIII-A"), USVP Entrepreneur Partners VIII-B, L.P. ("USVP EP VIII-B"), Presidio Management Group VIII, L.L.C. ("PMG VIII"), Irwin Federman, Steven M. Krausz, David Liddle, Jonathan D. Root, Casey M. Tansey and Philip M. Young. PMG VIII, the general partner of USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B, may be deemed to have sole power to vote and sole power to dispose of shares of the issuer directly owned by USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. Irwin Federman, Steven M. Krausz, David Liddle, Jonathan D. Root, Casey M. Tansey and Philip M. Young are managing members of PMG VIII and may be deemed to have shared power to vote and shared power to dispose of shares of the issuer directly owned by USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. The address for such entities and persons is U.S. Venture Partners, 1460 El Camino Real, Suite 100, Menlo Park, California 94025.
- (7) As reported on Schedule 13G filed with the SEC on February 11, 2015 by Delphi Ventures VIII, L.P. ("DV VIII"), Delphi BioInvestments VIII, L.P. ("DBI VIII"), Delphi Management Partners VIII, L.L.C. ("DMP VIII"), the general partner of DV VIII and DBI VIII, and James J. Bochnowski ("Bochnowski"), David L. Douglass ("Douglass"), Douglas A. Roeder ("Roeder") and Deepika R. Pakianathan, Ph.D. ("Pakianathan"), the managing members of DMP VIII. DMP VIII is the general partner of DV VIII and DBI VIII and DBI VIII and DBI VIII and may be deemed to have sole power to vote and sole power to dispose of shares of the issuer directly owned by DV VIII and DBI VIII. Bochnowski, Douglass, Roeder and Pakianathan, the managing members of DMP VIII, who may be deemed to have shared power to vote and shared power to dispose of the shares directly owned by DV VIII and DBI VIII, disclaim beneficial ownership of the reported securities directly owned by DV VIII and DBI VIII, except to the extent of any pecuniary interest therein. The address for such entities and persons is Delphi Ventures, 3000 Sand Hill Road, #1-135, Menlo Park, California 94025.
- (8) As reported on Schedule 13G filed with the SEC on February 13, 2015 by Phase4 Ventures III General Partner Limited ("Phase4 GP"), Phase4 Partners Limited ("Phase4 Partners"), Phase4 Ventures III LP ("Phase4") and Phase4 Ventures III GP LP ("Phase4 GPLP"). The general partner of Phase4 GPLP. The general partner of Phase4 GPLP is Phase4 GP. Phase4 GP has appointed Phase4 Partners as its manager. Phase4 Partners, in its capacity as manager of Phase4 GP, ultimately exercises voting and dispositive power over the securities held by Phase4. Phase4 GP, Phase4 Partners and Phase4 GPLP may be deemed to beneficially owned the shares directly owned by Phase4. Denise Scots-Knight is a partner of Phase4 Partners and disclaims beneficial ownership of the reported securities held by Phase4 except to the extent of her pecuniary interest therein. The address for such entities and persons is c/o Phase4 Partners Ltd., Green Park House, 15 Stratton Street, London, W1J 8LQ, UK.
- (9) As reported on Schedule 13G/A filed with the SEC on February 13, 2017. Consists of 1,839,730 shares held by entities for which Adams Street Partners, LLC ("ASP") acts in a capacity under which it may be deemed to have sole voting and investment power over such shares. ASP acts as general partner for Adams Street Partnership Fund—2002 U.S. Fund, L.P., Adams Street Partnership Fund—2003 U.S. Fund, L.P., Adams Street Partnership Fund—2005 U.S. Fund, L.P., Adams Street Partnership Fund—2004 U.S. Fund, L.P., Adams Street Partnership Fund—2005 U.S. Fund, L.P., Adams Street Partnership Fund—2005 U.S. Fund, L.P., Adams Street Partnership Fund—2004 U.S. Fund, L.P., Adams Street Partnership Fund—2005 U.S. Fund, L.P., Adams Street Fund, L.P. and Adams Street V, L.P. ASP is the advisor acting under power of attorney for State Universities Retirement System Private Trust I. ASP is the sub-advisor acting under power of attorney for The Bank of New York Mellon as Trustee for the Hewlett-Packard Company Master Trust, Orange County Employees Retirement System, Brinson Partnership

Fund-2004 Primary Fund, L.P., The 2004 Primary Brinson Partnership Fund Offshore Series Company Ltd., UBS Global Asset Management Trust Company as Trustee of the Brinson Partnership Fund Trust- 2004, Brinson Partnership Fund-2001 Primary Fund, L.P., The 2001 Primary Brinson Partnership Fund Offshore Series Company Ltd. and UBS Global Asset Management Trust Company as Trustee of the Brinson Partnership Fund Trust- 2001. Thomas S. Bremner, Jeffrey T.

Diehl, Elisha P. Gould, Robin Murray, David S. Welsh and Michael R. Zappert, each of whom is a partner of ASP (or a subsidiary thereof), may be deemed to have shared voting and investment power over the shares held by entities for which ASP acts as general partner or advisor or sub-advisor and is acting under power of attorney and disclaim beneficial ownership of such shares except to the extent of their pecuniary interest therein. The address of each of the persons and entities affiliated with Adams Street Partners is One North Wacker Drive, Suite 2200, Chicago, IL 60606-2823.

- (10) Consists of: (i) 324,840 shares held by Mr. Hastings and Steve N. De Jong, Trustees of The Hastings-De Jong Living Trust, dated May 1, 2012 ("The Hastings-De Jong Trust"), (ii) 18,586 shares directly owned by Mr. Hastings, and (iii) 732,572 shares that may be acquired pursuant to the exercise of stock options within 60 days of April 7, 2017 by Mr. Hastings. Mr. Hastings has shared voting and dispositive power over the shares held by The Hastings-De Jong Trust.
- (11)Consists of 6,940 shares directly owned by Dr. Dupont. Dr. Dupont resigned from OncoMed on December 31, 2016.
- (12) Consists of: (i) 88,951 shares held by John Allan Lewicki and Jenniffer Joan Lewicki, Trustees of the Lewicki Family Trust dated December 6, 2000 ("The Lewicki Trust"), (ii) 10,437 shares directly owned by Dr. Lewicki, and (iii) 269,017 shares that may be acquired pursuant to the exercise of stock options within 60 days of April 7, 2017 by Dr. Lewicki. Dr. Lewicki has shared voting and dispositive power over the shares held by The Lewicki Trust.
- (13)Consists of 25,063 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Mr. Karsen.
- (14)Consists of (i) the shares described in Note (9) above, and (ii) 45,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Mr. Gould.
- (15)Consists of (i) the shares described in Note (5) above, (ii) 107,588 shares held directly by Mr. Lasersohn, and (iii) 45,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Mr. Lasersohn.
- (16)Consists of (i) 10,332 shares directly owned by Dr. Lasky, and (ii) 55,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Dr. Lasky.
- (17)Consists of (i) the shares described in Note (7) above, and (ii) 45,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Dr. Pakianathan.
- (18)Consists of (i) the shares described in Note (8) above, and (ii) 45,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Dr. Scots-Knight.
- (19)Consists of (i) the shares described in Note (6) above, (ii) 65,091 shares held directly by Dr. Root, and (iii) 45,000 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Dr. Root.
- (20)Consists of 25,000 shares that may be acquired pursuant to the exercise of stock options within 60 days of April 7, 2017 by Mr. Winningham.
- (21)Consists of 72,853 shares that may be acquired pursuant to the exercise of a stock option within 60 days of April 7, 2017 by Mr. Wyzga.
- (22) Includes: (i) 9,515,261 shares held by our directors and entities affiliated with certain of our directors, (ii) 539,485 shares held by our current executive officers, and (iii) 2,285,085 shares that may be acquired by our current executive officers and directors pursuant to the exercise of stock options within 60 days of April 7, 2017.
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SECTION 16(a) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Exchange Act requires the Company's directors and executive officers, and persons who own more than 10% of a registered class of the Company's equity securities, to file with the SEC initial reports of ownership and reports of changes in ownership of common stock and other equity securities of the Company. Officers, directors and greater than 10% beneficial owners are required by SEC regulations to furnish the Company with copies of all Section 16(a) forms they file.

To our knowledge, based solely on a review of the copies of such reports furnished to us and written representations that no other reports were required, during the fiscal year ended December 31, 2016, none of our directors, officers or greater than 10% beneficial owners failed to file on a timely basis any reports required by Section 16(a) of the Exchange Act.

ADDITIONAL INFORMATION

Householding of Proxy Materials

The SEC has adopted rules that permit companies and intermediaries (e.g., brokers) to satisfy the delivery requirements for proxy statements and annual reports with respect to two or more stockholders sharing the same address by delivering a single proxy statement and annual report addressed to those stockholders. This process, which is commonly referred to as "householding," potentially means extra convenience for stockholders and cost savings for companies.

Brokers with account holders who are OncoMed stockholders may be "householding" our proxy materials. A single proxy statement and annual report may be delivered to multiple stockholders sharing an address unless contrary instructions have been received from the affected stockholders. Once you have received notice from your broker that it will be "householding" communications to your address, "householding" will continue until you are notified otherwise or until you notify your broker or the Company that you no longer wish to participate in "householding."

If, at any time, you no longer wish to participate in "householding" and would prefer to receive a separate proxy statement and annual report, you may (1) notify your broker, (2) direct your written request to: Investor Relations, OncoMed Pharmaceuticals, 800 Chesapeake Drive, Redwood City, California 94063, or (3) contact our Investor Relations department by telephone at (650) 995-8373. Stockholders who currently receive multiple copies of the proxy statement and annual report at their address and would like to request "householding" of their communications should contact their broker. In addition, the Company will promptly deliver, upon written or oral request to the address or telephone number above, a separate copy of the proxy statement and annual report to a stockholder at a shared address to which a single copy of the documents was delivered.

Other Matters

As of the date of this Proxy Statement, the board of directors does not intend to present any matters other than those described herein at the Annual Meeting and is unaware of any matters to be presented by other parties. If other matters are properly brought before the meeting for action by the stockholders, proxies will be voted in accordance with the recommendation of the board or, in the absence of such a recommendation, in accordance with the judgment of the proxy holder.

Annual Reports

Our 2016 Annual Report on Form 10-K (which is not a part of our proxy soliciting materials) will be mailed with this Proxy Statement to those stockholders that request and receive a copy of the proxy materials in the mail. Stockholders that received the Notice of Internet Availability of Proxy Materials can access the Annual Report and this Proxy Statement on the website referenced on the Notice of Internet Availability of Proxy Materials. The Annual Report and this Proxy Statement are also available on the "Financial Information" section on our investor relations website at http://www.oncomed.com/invest/financials.cfm.

Upon written request by an OncoMed stockholder, we will mail without charge a copy of our 2016 Annual Report on Form 10-K, including the financial statements and financial statement schedules, but excluding exhibits to the Annual Report on Form 10-K. Exhibits to the Annual Report on Form 10-K are available upon payment of a reasonable fee, which is limited to our expenses in furnishing the requested exhibit. All requests should be directed to our General Counsel, 800 Chesapeake Drive, Redwood City, California 94063.

By Order of the Board of Directors

Paul J. Hastings

Chairman and Chief Executive Officer

April 13, 2017

ENDORSEMENT LINE MR A SAMPLE DESIGNATION (IF ANY) ADD 1 ADD 2 ADD 3 ADD 4 ADD SACKPACK 00000000.00000 ext 0000000.00000 ext 0000000.00000 5 ADD 6 ext 00000000000000 ext Electronic Voting Instructions Available 24 hours a day, 7 days a week! Instead of mailing your proxy, you may choose one of the voting methods outlined below to vote your proxy. VALIDATION DETAILS ARE LOCATED BELOW IN THE TITLE BAR. Proxies submitted by the Internet or telephone must be received by 1:00 a.m., Eastern Time, on June 1, 2017. Vote by Internet • Go to www.envisionreports.com/OMED • Or scan the QR code with your smartphone • Follow the steps outlined on the secure website Vote by telephone • Call toll free 1-800-652-VOTE (8683) within the USA, US territories & Canada on a touch tone telephone • Follow the instructions provided by the recorded message Using a black ink pen, mark your votes with an X as shown in this example. Please do not write outside the designated areas. X AnnualMeetingProxyCard123456789012345 • IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE. • A Proposals — The Board recommends a vote FOR all the nominees under Proposal 1 and FOR Proposal 2. 1. Election of three Class I directors to hold office until the 2020 annual meeting of stockholders: For Withhold For Withhold For Withhold + 01 -Perry A. Karsen 02 -Rick E Winningham 03 -Michael S. Wyzga For Against Abstain 2. Ratify the selection of Ernst & Young LLP as the company's independent registered public accounting firm for the fiscal year ending December 31, 2017. B Non-Voting Items Change of Address — Please print your new address below. Comments — Please print your comments below. Meeting Attendance Mark the box to the right if you plan to attend the Annual Meeting. C Authorized Signatures — This section must be completed for your vote to be counted. — Date and Sign Below Please sign exactly as name(s) appears hereon. Joint owners should each sign. When signing as attorney, executor, administrator, corporate officer, trustee, guardian, or custodian, please give full title. Date (mm/dd/yyyy) — Please print date below. Signature 1 — Please keep signature within the box. Signature 2 — Please keep signature within the box. MR A SAMPLE (THIS AREA IS SET UP TO ACCOMMODATE C1234567890 JNT 140 CHARACTERS) MR A SAMPLE AND 1UPX 3 2 7 6 3 1 1 MR A SAMPLE AND MR A SAMPLE AND MR A SAMPLE AND MMMMMMM + 02KMJA

. Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting: The Proxy Statement and Annual Report on Form 10-K are available at www.envisionreports.com/OMED • IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE. • Proxy – OncoMed Pharmaceuticals, Inc. OncoMed Pharmaceuticals, Inc. 800 Chesapeake Drive Redwood City, CA 94063 Proxy Solicited by Board of Directors for 2017 Annual Meeting of Stockholders – June 1, 2017 Paul J. Hastings, Sunil Patel and Alicia J. Hager, or any of them, each with the power of substitution, are hereby authorized to represent and vote the shares of the undersigned, with all the powers which the undersigned would possess if personally present, at the 2017 Annual Meeting of Stockholders of OncoMed Pharmaceuticals, Inc. to be held on June 1, 2017 or at any postponement or adjournment thereof. Each of Proposals 1 and 2 are proposed by OncoMed Pharmaceuticals, Inc. This proxy, when properly executed, will be voted in the manner directed herein. If no such directions are indicated, the holders of this proxy will have authority to vote FOR all nominees under Proposal 1 and FOR Proposal 2. In their discretion, the holders of this proxy are authorized to vote upon such other business as may properly come before the meeting. (Items to be voted appear on reverse side.)