ALNYLAM PHARMACEUTICALS, INC. Form DEF 14A

March 17, 2016

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#### **UNITED STATES**

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### **SCHEDULE 14A**

(Rule 14a-101)

# INFORMATION REQUIRED IN PROXY STATEMENT

## **SCHEDULE 14A INFORMATION**

**Proxy Statement Pursuant to Section 14(a) of the Securities** 

# Exchange Act of 1934

Filed by the Registrant b

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))
- b Definitive Proxy Statement
- Definitive Additional Materials
- " Soliciting Material Pursuant to §240.14a-12 ALNYLAM PHARMACEUTICALS, INC.

(Name of Registrant as Specified in Its Charter)

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

Payment of Filing Fee (Check the appropriate box):				
þ	No fee required.			
	Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.			
(1)	Title of each class of securities to which transaction applies:			
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(1)	Amount previously paid:
(2)	Form, Schedule or Registration Statement No.:
(3)	Filing Party:
(4)	Date Filed:

#### NOTICE OF 2016 ANNUAL MEETING OF STOCKHOLDERS

## **Important Notice Regarding the Availability of Proxy Materials**

for the Stockholder Meeting to Be Held on May 3, 2016

#### To our Stockholders:

NOTICE IS HEREBY GIVEN that the 2016 Annual Meeting of Stockholders of Alnylam Pharmaceuticals, Inc. will be held on Tuesday, May 3, 2016 at 8:00 a.m., Eastern Time, at the offices of Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, Massachusetts. At the meeting, stockholders will consider and act on the following matters:

- 1. To elect three (3) members to our board of directors, as nominated by our board of directors, each to serve as a Class III director for a term ending in 2019, or until a successor has been duly elected and qualified;
- 2. To approve, on a non-binding advisory basis, the compensation of our named executive officers, as described in the Compensation Discussion and Analysis, executive compensation tables and accompanying narrative disclosures in this proxy statement;
- 3. To ratify the appointment of PricewaterhouseCoopers LLP, an independent registered public accounting firm, as our independent auditors for the fiscal year ending December 31, 2016; and
- 4. To transact any other business that may properly come before the annual meeting or any adjournment or postponement thereof.

# **Your Vote Is Important**

Proposal 1 relates solely to the election of three (3) Class III directors nominated by our board of directors and does not include any other matters relating to the election of directors, including without limitation, the election of directors nominated by any stockholder of the company.

Stockholders of record at the close of business on March 11, 2016, the record date for the annual meeting, are entitled to notice of, and to vote at, the annual meeting or any adjournment or postponement thereof. Your vote is important regardless of the number of shares you own. All stockholders are cordially invited to attend the annual meeting in person. However, to assure your representation at the annual meeting, if you are a stockholder of record, please vote in one of these three ways:

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**Vote Over the Internet**, by going to the website of our tabulator, Computershare Trust Company, N.A., at <a href="https://www.investorvote.com/ALNY">www.investorvote.com/ALNY</a> and following the instructions for Internet voting shown on the enclosed proxy card;

Vote by Telephone, by calling 1-800-652-VOTE (8683) and following the recorded instructions; or

Vote by Mail, by completing and signing your enclosed proxy card and mailing it in the enclosed postage prepaid envelope. If you vote over the Internet or by telephone, please do not mail your proxy.

If your shares are held in street name, that is, held for your account by a broker or other nominee, you will receive instructions from the holder of record that you must follow for your shares to be voted.

We encourage all stockholders to attend the annual meeting in person. If you vote via the Internet or by telephone or mail your proxy in, you will not limit your right to vote in person at the annual meeting. You may obtain directions to the location of the annual meeting on our website at <a href="https://www.alnylam.com">www.alnylam.com</a>. Whether or not you plan to attend the annual meeting in person, we hope you will take the time to vote your shares.

By Order of the Board of Directors

John M. Maraganore, Ph.D.

Chief Executive Officer

Cambridge, Massachusetts

March 17, 2016

# PROXY STATEMENT

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#### PROXY STATEMENT SUMMARY

This proxy statement and the enclosed proxy card are being furnished in connection with the solicitation of proxies by the board of directors of Alnylam Pharmaceuticals, Inc. for use at the 2016 Annual Meeting of Stockholders to be held on Tuesday, May 3, 2016 at 8:00 a.m., Eastern Time, at the offices of Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, Massachusetts, and at any adjournment or postponement thereof.

All proxies will be voted in accordance with the instructions contained in those proxies. If no choice is specified, the proxies will be voted in favor of the matters set forth in the accompanying Notice of Meeting.

Our 2016 CEO Letter to Stockholders and Annual Report on Form 10-K for the fiscal year ended December 31, 2015 are being mailed with these proxy materials to all stockholders entitled to vote at the annual meeting. These proxy materials are expected to be first mailed to stockholders on or about March 21, 2016.

#### Important Notice Regarding the Availability of Proxy Materials for

#### the Annual Meeting of Stockholders to be Held on May 3, 2016

This proxy statement, our Annual Report on Form 10-K and our 2016 CEO Letter to Stockholders are available for viewing, printing and downloading at <a href="https://www.alnylam.com/AnnualMeeting">www.alnylam.com/AnnualMeeting</a>.

A copy of our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, as filed with the Securities and Exchange Commission, or SEC, on February 12, 2016, will be furnished without charge to any stockholder upon written request to Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, Massachusetts 02142, Attention: Investor Relations and Corporate Communications.

This proxy statement and our Annual Report on Form 10-K for the fiscal year ended December 31, 2015 are also available on the SEC s website at www.sec.gov.

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# **Voting Items and Board Recommendations**

		Board Recommendation
Item 1	Election of Three (3) Class III Directors	FOR All Nominees
Item 2	Say-on-Pay Advisory Vote on the Approval of Executive Compensation	FOR
Item 3	Ratification of Independent Auditors	FOR

On any other matters properly brought before the annual meeting, the named proxies shall vote in accordance with their best judgment.

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## IMPORTANT INFORMATION ABOUT THE ANNUAL MEETING AND VOTING

#### **Notice and Access**

We are providing these proxy materials to you in connection with the solicitation by our board of directors of proxies to be voted at our 2016 annual meeting of stockholders to be held at our offices at 300 Third Street, Cambridge, Massachusetts on Tuesday, May 3, 2016 at 8:00 a.m., Eastern Time. As a stockholder of Alnylam, you are invited to attend our annual meeting and are entitled and requested to vote on the proposals described in this proxy statement.

#### Who Can Vote

To be entitled to vote, you must be a stockholder of record at the close of business on March 11, 2016, the record date for our annual meeting. As of the record date, there were 85,355,302 shares of our common stock outstanding.

If you were a stockholder of record on March 11, 2016, you are entitled to vote all of the shares that you held on that date at the annual meeting and at any postponement or adjournment thereof.

## **Voting Rights**

Each outstanding share of our common stock will be entitled to one vote on each matter considered at the annual meeting.

# **Voting by Proxy**

Alnylam s stockholders may vote their shares by telephone, over the Internet, or at the annual meeting. If you vote by telephone or over the Internet, you do not need to return your proxy card. The instructions for voting can be found on the Notice, on the website listed in the Notice, and, if you received one, on your proxy card. If you requested a printed version of the proxy card, you may also vote by mail.

If your shares are held in street name, meaning they are held for your account by a bank, broker or other nominee, you should receive a proxy card and voting instructions with these proxy materials from that organization rather than from Alnylam. You will receive instructions from your bank, broker or other nominee explaining how you can vote your shares and whether they permit Internet or telephone voting. Follow the instructions from your bank, broker or other nominee included with these proxy materials, or contact your bank, broker or other nominee to request a proxy form. To vote in person at the annual meeting, contact your bank, broker or other nominee who holds your shares to obtain a broker s proxy card and bring it with you to the annual meeting. A broker s proxy is *not* the form of proxy enclosed with this proxy statement. You will not be able to vote shares you hold in street name in person at the annual meeting unless you have a proxy from your bank, broker or other nominee issued in your name giving you the right to vote your shares.

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## **Revoking a Proxy**

If your shares are registered directly in your name, you may revoke your proxy and change your vote at any time before the annual meeting. To do so, you must do one of the following:

Vote over the Internet or by telephone as instructed above. Only your latest Internet or telephone vote is counted. You may not change your vote over the Internet or by telephone after 11:59 p.m., Eastern Time, on May 2, 2016.

Sign a new proxy and submit it as instructed above. Only your latest dated proxy, received by Computershare not later than May 2, 2016, will be counted.

Attend the annual meeting, request that your proxy be revoked and vote in person as instructed above. Attending the annual meeting will not revoke your Internet vote, telephone vote or proxy, as the case may be, unless you specifically request it.

Note that if your shares are held in street name, you may submit new voting instructions by contacting your bank, broker or other nominee. You may also vote in person at the annual meeting if you obtain a broker s proxy as described above.

# **Discretionary Voting Authority**

If your shares are registered directly in your name, your shares will not be voted if you do not vote over the Internet, by telephone, by returning your proxy or by ballot at the annual meeting.

If your shares are held in street name, your bank, broker or other nominee may under certain circumstances vote your shares if you do not timely return your proxy. Banks, brokers and other nominees can vote customers unvoted shares on discretionary matters but cannot vote such shares on non-discretionary matters. If you do not timely return a proxy to your bank, broker or other nominee to vote your shares, your bank, broker or other nominee may, on discretionary matters, either vote your shares or leave your shares unvoted. Your bank, broker or other nominee cannot vote your shares on any non-discretionary matter.

# **Effect of Broker Non-Votes and Abstentions**

The election of directors (Proposal 1) and the non-binding advisory vote on executive compensation (Proposal 2) are non-discretionary matters. The ratification of the appointment of our independent auditors (Proposal 3) is a discretionary matter. We encourage you to provide voting instructions to your bank, broker or other nominee by giving your proxy to them. This ensures that your shares will be voted at the annual meeting according to your instructions. You should receive directions from your bank, broker or other nominee about how to submit your proxy to them at the time you receive this proxy statement.

# Requirements for a Meeting Quorum

A majority of our outstanding shares of common stock must be present to hold the annual meeting and conduct business. This is called a quorum. For purposes of determining whether a quorum exists, we count as present any shares that are voted over the Internet, by telephone, by completing and submitting a proxy, or that are represented in person at the meeting. Further, for purposes of establishing a quorum, we will count as present shares that a stockholder holds even if

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the stockholder votes to abstain or only votes on one of the proposals. In addition, we will count as present shares held in street name by banks, brokers or nominees who indicate on their proxies that they do not have authority to vote those shares on Proposals 1 and 2. If a quorum is not present, we expect to adjourn the annual meeting until we obtain a quorum.

# **Vote Required to Approve Each Item on the Proxy**

## Proposal 1 - Election of Three (3) Class III Directors

With respect to the election of directors (Proposal 1), each nominee presented in Proposal 1 must be elected by a majority of the votes cast in person or by proxy at the annual meeting. Nominees are elected by a majority vote for non-contested director elections. Because the number of nominees properly nominated for the annual meeting is the same as the number of directors to be elected, the election of directors at this annual meeting is non-contested. If the number of votes FOR a nominee exceeds the number of votes AGAINST (among votes properly cast in person or by proxy), then the nominee will be elected.

**Proposal 1 is a non-discretionary matter.** Therefore, if your shares are held by your bank, broker or other nominee in street name and you do not vote your shares, your bank, broker or other nominee cannot vote your shares on Proposal 1. Shares held in street name by banks, brokers or nominees who indicate on their proxies that they do not have authority to vote the shares on Proposal 1 will not be counted as votes FOR or AGAINST any nominee and will be treated as broker non-votes. As a result, broker non-votes will have no effect on the voting on Proposal 1. Similarly, a vote to ABSTAIN with respect to any nominee will have no impact on the outcome of the vote because abstention does not count as a vote cast. With respect to Proposal 1, you may:

vote FOR all nominees; vote FOR one or more nominee(s) and AGAINST one or more of the other nominee(s); vote AGAINST all nominees; or ABSTAIN from voting for or against one or more nominee(s).

Proposal 2 Non-binding Advisory Vote on the Compensation of Our Named Executive Officers

To approve Proposal 2, stockholders holding a majority of the votes cast on the matter in person or by proxy at the annual meeting must vote FOR the approval of the compensation of our named executive officers, as described in the Compensation Discussion and Analysis, executive compensation tables and accompanying narrative disclosures in this proxy statement.

**Proposal 2 is a non-discretionary matter.** Therefore, if your shares are held by your bank, broker or other nominee in street name and you do not vote your shares, your bank, broker or other nominee cannot vote your shares on Proposal 2, and your non-vote will have no effect on the outcome of this proposal. If you vote to ABSTAIN on this Proposal 2, your shares will not be voted FOR or AGAINST the proposal and will also not be counted as votes cast or shares voting on Proposal 2. As a result, voting to ABSTAIN will have no effect on the voting on Proposal 2.

As an advisory vote, this proposal is not binding. The outcome of this advisory vote will not overrule any decision by us or our board of directors (or any committee thereof). However, our

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compensation committee and our board of directors value the opinions expressed by our stockholders in their vote on this proposal and will consider the outcome of the vote when making future compensation decisions for our named executive officers.

#### Proposal 3 - Ratification of Appointment of Independent Auditors

To approve Proposal 3, stockholders holding a majority of the votes cast on the matter in person or by proxy at the annual meeting must vote FOR the proposal.

**Proposal 3 is a discretionary matter.** If your shares are held by your bank, broker or other nominee in street name and you do not vote your shares, your bank, broker or other nominee may vote your unvoted shares on Proposal 3. If you vote to ABSTAIN on Proposal 3, your shares will not be voted FOR or AGAINST the proposal and will also not be counted as votes cast or shares voting on the proposal. As a result, voting to ABSTAIN will have no effect on the voting on Proposal 3.

Although stockholder approval of our audit committee s appointment of PricewaterhouseCoopers LLP as our independent auditors for the year ending December 31, 2016 is not required, we believe that it is advisable to give stockholders an opportunity to ratify this appointment. If this proposal is not approved at the annual meeting, our audit committee will reconsider its appointment of PricewaterhouseCoopers LLP as our independent auditors for the year ending December 31, 2016.

#### Other Matters to be Voted On

The board of directors is not aware of any other issue or matter that may come before the annual meeting other than the election of three (3) Class III directors, the non-binding advisory vote on the compensation of our named executive officers and the ratification of the appointment of our independent auditors. If any other matters are properly presented at the annual meeting, the persons named in the accompanying proxy intend to vote, or otherwise act, in accordance with their best judgment on the matter.

#### **Vote Results**

Preliminary voting results will be announced at the annual meeting. We expect to report the voting results in a Current Report on Form 8-K within four business days following the adjournment of our annual meeting. If final voting results are not available to us in time to file a Current Report on Form 8-K within four business days after the annual meeting, we intend to file a Current Report on Form 8-K to publish preliminary results and, within four business days after the final results are known to us, to file an additional Current Report on Form 8-K to publish the final results.

## **Inspector of Election**

The inspector of election and the tabulator of all proxies, ballots and voting tabulations that identify stockholders are independent and are not Alnylam employees.

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## **Cost of Soliciting Proxies**

We will bear the cost of soliciting proxies. In addition to these proxy materials, our directors, officers and employees may solicit proxies by telephone, e-mail, facsimile and in person, without additional compensation. We have also retained Alliance Advisors LLC to solicit proxies by mail, courier, telephone and facsimile and to request brokers, custodians and fiduciaries to forward proxy soliciting materials to the owners of stock held in their names. For these services, we paid a fee of approximately \$9,000, plus expenses. We may reimburse brokers or persons holding stock in their names, or in the names of their nominees, for their expenses in sending proxies and proxy materials to beneficial owners.

# Alnylam s 401(k) Savings Plan

You may give voting instructions for the number of shares of Alnylam common stock equal to the interest in Alnylam common stock credited to your 401(k) plan account as of the record date. To vote these shares, complete and return to Computershare the proxy card sent to you with this proxy statement. The 401(k) plan trustee will vote your shares according to your instructions. Only Computershare and its affiliates or agents will have access to your individual voting instructions. You may revoke previously given voting instructions by filing with the trustee either a written revocation or a properly completed and signed proxy bearing a later date. To vote your 401(k) plan shares, you must provide your voting instructions to Computershare before 11:59 p.m., Eastern Time, on April 29, 2016, for your proxy to be valid and your vote to count. If you do not provide voting instructions to the 401(k) plan trustee, the 401(k) plan trustee will not vote your shares.

# **Householding of Annual Meeting Materials**

Some banks, brokers and other nominee record holders may be participating in the practice of householding proxy statements and annual reports. This means that only one copy of our proxy statement and annual report to stockholders may have been sent to multiple stockholders in your household. We will promptly deliver a separate copy of either document to you upon written or oral request to Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, Massachusetts 02142, Attention: Investor Relations and Corporate Communications, telephone: (617) 551-8200. If you want to receive separate copies of the proxy statement or annual report to stockholders in the future, or if you are receiving multiple copies and would like to receive only one copy per household, you should contact your bank, broker or other nominee record holder, or you may contact us at the above address and phone number.

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## **CORPORATE GOVERNANCE**

#### General

We believe that good corporate governance is important to ensure that Alnylam is managed for the long-term benefit of our stockholders. This section describes key corporate governance practices that we have adopted.

## **Corporate Governance Materials**

We have adopted a code of business conduct and ethics, which applies to all of our officers, directors and employees, as well as charters for our audit committee, our compensation committee, our nominating and corporate governance committee, and our science and technology committee. We have also adopted corporate governance guidelines. We have posted copies of these documents on the Corporate Governance page of the Investors section of our website, <a href="https://www.alnylam.com">www.alnylam.com</a>. We intend to disclose on our website any amendments to, or waivers from, our code of business conduct and ethics required to be disclosed by law or NASDAQ Global Select Market listing standards.

# **Corporate Governance Guidelines**

Our board of directors has adopted corporate governance guidelines to assist in the exercise of its duties and responsibilities and to serve the best interests of Alnylam and our stockholders. These guidelines, which provide a framework for the conduct of our board of directors business, provide that:

our board s principal responsibility is to oversee the management of Alnylam;

a majority of the members of our board shall be independent directors;

the independent directors meet regularly in executive session;

directors have full and free access to management and, as necessary and appropriate, independent advisors;

periodically, our board and its committees will conduct a self-evaluation to determine whether they are functioning effectively;

our nominating and corporate governance committee will review annually the external commitments of our board members to evaluate any potential conflicts of interest; and

our nominating and corporate governance committee will review all proposed external commitments of our executive officers to evaluate any potential conflicts of interest and confirm that external time commitments are appropriate relative to the executive s responsibilities to the company.

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# INFORMATION CONCERNING DIRECTOR NOMINEES ELECTION OF CLASS III DIRECTORS (PROPOSAL 1)

We have three classes of directors, Class I, Class II and Class III, and during 2015 the board increased the number of directors from ten to eleven. At each annual meeting, directors are elected for a term of three years to succeed those whose terms are expiring. The directors are divided as equally as possible among the three classes, and the terms of the three classes are staggered so that only one class is elected by stockholders annually.

At the annual meeting, we are proposing the election of three (3) Class III directors to hold office until the annual meeting of stockholders to be held in 2019, or until their respective successors have been duly elected and qualified. Upon the recommendation of the nominating and corporate governance committee of our board, the board has nominated Steven M. Paul, M.D., Amy W. Schulman and Kevin P. Starr for election to the board of directors as Class III directors. Dr. Paul, Ms. Schulman and Mr. Starr are currently serving as Class III directors. Dr. Paul has served as a director since 2010, Ms. Schulman has served as a director since 2014 and Mr. Starr has served as a director since 2003. The persons named in the enclosed proxy will vote to elect Dr. Paul, Ms. Schulman and Mr. Starr as Class III directors unless the proxy is marked otherwise. Dr. Paul, Ms. Schulman and Mr. Starr have indicated their willingness to serve on our board, but if any nominee should be unwilling or unable to serve, the person acting under the proxy may vote the proxy for a substitute nominee designated by our board, unless the board reduces the number of directors accordingly.

The nominees for Class III directors receiving a majority of the votes cast by stockholders entitled to vote thereon will be elected to serve on our board. As described more fully below under the heading Majority Voting Policy, we have adopted a resignation policy in the event a director nominee does not receive a majority of such votes. Abstentions and broker non-votes, if any, are not counted for purposes of this proposal. The Class III directors elected at this year s annual meeting will serve as members of our board until the 2019 annual meeting of stockholders, or until their respective successors are duly elected and qualified.

#### **Board Recommendation**

Our board of directors unanimously recommends a vote FOR the election of each of Dr. Paul, Ms. Schulman and Mr. Starr as a Class III director.

Set forth below for each director, including the Class III director nominees, Dr. Paul, Ms. Schulman and Mr. Starr, is information as of March 1, 2016 with respect to his or her (a) name and age, (b) positions and offices at Alnylam, if any, (c) principal occupation and business experience during at least the past five years, (d) directorships, if any, of other publicly-held companies, held currently or during the past five years, and (e) the year such person became a member of our board

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of directors. The duration of an individual s service on our board or as an officer described below includes service on the board of directors or as an officer of our predecessor company, which was also known as Alnylam Pharmaceuticals, Inc.

We have also included information below regarding each director specific experience, qualifications, attributes and skills that led the nominating and corporate governance committee and our board of directors to the conclusion that he or she should serve as a director in light of our business and structure. Our board has determined that each director serving on our board of directors, with the exception of Dr. Maraganore, is independent within the meaning of the director independence standards of The NASDAQ Global Select Market and the Securities Exchange Act of 1934, as amended, or the Exchange Act. There are no family relationships among any of our directors or executive officers.

#### Class III Directors/Nominees to be elected at the 2016 annual meeting (terms expiring in 2019)

Steven M. Paul, M.D.

Dr. Paul has served as a member of our board of directors since September 2010.

#### **Committees:**

#### **Experience, Expertise and Qualifications**

Compensation Committee (Chair)

Science and Technology Committee

Dr. Paul has served as the President and Chief Executive Officer of Voyager Therapeutics, Inc., a biotechnology company, since September 2014. Dr. Paul was the founding director of the Appel Alzheimer s Disease Research Institute, and is a Professor of Neurology (Neuroscience), Psychiatry and Pharmacology at Weill Cornell Medical College of Cornell University, and a Venture Partner at Third Rock Ventures, a venture capital firm.

**Director since: 2010** 

**Age: 65** 

Dr. Paul served for 17 years at Eli Lilly and Company, a pharmaceutical company, most recently as the Executive Vice President for Science and Technology and President of the Lilly Research Laboratories, a division of Eli Lilly and Company, from July 2003 to his retirement in February 2010. He is a member of the Institute of Medicine of the National Academy of Sciences and a fellow of the American Association for the Advancement of Science. Prior to joining Lilly, Dr. Paul served in several senior roles at the National Institute of Mental Health, including serving as the Scientific Director of the Intramural Research Program. Dr. Paul also serves as a director of Voyager Therapeutics, Inc. and SAGE Therapeutics, Inc., and formerly served as a director of the Sigma-Aldrich Corporation (which was acquired by Merck KGaA).

## **Key Contributions to the Board**

Dr. Paul brings to our board more than 20 years of management experience in the pharmaceutical industry and 35 years of scientific research experience. He is widely

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recognized as a leader across many dimensions of medical research and drug development, and this expertise is important to our board as we continue to advance our clinical development pipeline and initiate additional late stage clinical programs.

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Amy W. Schulman

Ms. Schulman has served as a member of our board of directors since July 2014.

#### **Committees:**

#### **Experience, Expertise and Qualifications**

Governance Committee

Nominating and Corporate Ms. Schulman joined Arsia Therapeutics, a biotechnology company, as Chief Executive Officer in August 2014, at the same time she began her role as a Venture Partner at Polaris Partners, a venture capital firm. In July 2015, Ms. Schulman co-founded Lyndra, Inc., where she serves as the Chief Executive Officer. Since July 2014, Ms. Schulman has also been a senior lecturer at Harvard Business School. Ms. Schulman was previously the Executive Vice President and General Counsel of Pfizer Inc., a global pharmaceutical company, from May 2008 to July 2014, where she also served as the Business Unit Lead for Pfizer s Consumer Healthcare business from 2012 to 2013. Before joining Pfizer, she was a partner at DLA Piper. Ms. Schulman also serves as a director of BIND Therapeutics, Inc. and Blue Buffalo Pet Products, Inc.

**Director since: 2014** 

**Age: 55** 

# **Key Contributions to the Board**

Ms. Schulman brings to our board a diverse background that includes legal, operational and commercial expertise. As our business grows and becomes more complex, Ms. Schulman s unique qualifications will enable her to counsel us in a number of critical areas, including commercial strategy and capability building, as well as legal, regulatory and transactional considerations. In addition, her experience at Pfizer as Executive Sponsor of Pfizer s Global Women s Council, where she helped shape efforts to increase diversity and expand opportunities for both women and men across the company, will be an important resource as we grow our workforce to support the advancement of our clinical development pipeline and begin to build our commercial operations in preparation for the potential launch of our first product.

Kevin P. Starr

Mr. Starr has served as a member of our board of directors since September 2003.

#### **Committees:**

#### **Experience, Expertise and Qualifications**

Audit Committee (Chair)

Compensation Committee

Since April 2007, Mr. Starr has been a Partner of Third Rock Ventures, a venture capital firm, and since October 2015 has served as the Chairman and Interim Chief Executive Officer of Decibel Therapeutics, Inc., a portfolio company of Third Rock Ventures. From January 2003 to March 2007, Mr. Starr was an entrepreneur. From December 2001 to December 2002, Mr. Starr served as Chief Operating Officer of Millennium Pharmaceuticals, Inc., a biopharmaceutical company (now a wholly-owned subsidiary of Takeda Pharmaceutical Company Limited). He also served as Millennium s Chief Financial Officer from December 1998 to December

**Director since: 2003** 

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**Age: 53** 

2002. Mr. Starr also serves as a director of Ember Therapeutics, Inc. and SAGE Therapeutics, Inc., and formerly served as a director of Agios Pharmaceuticals, Inc., Global Blood Therapeutics, Inc. and Zafgen, Inc.

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## **Key Contributions to the Board**

Mr. Starr is a proven operational leader who brings to our board over 25 years of experience building and leading biotechnology companies. Mr. Starr s background includes executive management roles with responsibility over key financial and business planning functions, including extensive experience in the oversight of financial audits, the design and implementation of financial controls, and corporate governance best practices. In addition, as an entrepreneur and venture capitalist, Mr. Starr has focused on the formation, development and business strategy of multiple start-up companies. Mr. Starr s depth and breadth of financial expertise and his experience handling complex financial and business issues also position him well to serve as the chair and a financial expert of our audit committee.

# Class I Directors Whose Terms Expire in 2017

#### Michael W. Bonney

Chairman of the Board

Mr. Bonney has served as a member of our board of directors since December 2014 and was appointed chairman of our board in December 2015.

#### **Committees:**

**Audit Committee** 

**Director since: 2014** 

**Age: 57** 

# **Experience, Expertise and Qualifications**

Mr. Bonney has been a Partner at Third Rock Ventures, a venture capital firm, since January 2016. Mr. Bonney previously served as the Chief Executive Officer of Cubist Pharmaceuticals, Inc., a biopharmaceutical company (now a wholly-owned subsidiary of Merck & Co., Inc.), from June 2003 until his retirement in December 2014. From 2003 to 2012, Mr. Bonney served as President and Chief Executive Officer of Cubist and from January 2002 to June 2003, he served as Cubist s President and Chief Operating Officer. Mr. Bonney is also a trustee of Tekla Healthcare Investors and Tekla Life Sciences Investors, both publicly traded investment funds. In addition, Mr. Bonney serves as a director of Celgene Corporation and Global Blood Therapeutics, Inc., and formerly served as a director of NPS Pharmaceuticals, Inc. and Cubist.

# **Key Contributions to the Board**

Mr. Bonney possesses over 30 years of operational, commercial and senior management experience in the biopharmaceutical industry, including his long tenure as the Chief Executive Officer and a director of Cubist. His breadth of experience and deep commercial background enable him to make significant contributions as chairman of our board as we continue to advance our late stage clinical programs and begin to build our commercial operations in preparation for the potential launch of our first product.

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John M. Maraganore, Ph.D.

Chief Executive Officer

Dr. Maraganore has served as our Chief Executive Officer and as a member of our board of directors since December 2002.

**Director since: 2002** 

Age: 53

# **Experience, Expertise and Qualifications**

Dr. Maraganore also served as our President from December 2002 to December 2007. From April 2000 to December 2002, Dr. Maraganore served as Senior Vice President, Strategic Product Development for Millennium Pharmaceuticals, Inc., a biopharmaceutical company (now a wholly-owned subsidiary of Takeda Pharmaceutical Company Limited). He also serves as a director of Agios Pharmaceuticals, Inc., bluebird bio, Inc. and the Biotechnology Industry Organization, a non-profit biotechnology trade organization, and formerly served as a director of Regulus Therapeutics Inc.

# **Key Contributions to the Board**

Dr. Maraganore has over 25 years of experience in the biotechnology industry, bringing to our board critical scientific, research and development, and general management expertise. In prior roles, Dr. Maraganore has led the research, development and FDA approval and commercialization of important drug therapies, including Angiomax®, an anticoagulant for patients undergoing coronary angioplasty procedures, of which Dr. Maraganore was an inventor. As a founder and leader of new businesses, he has developed high-performing organizations and created stockholder value while focusing on leading-edge scientific research. A true visionary, strategist and innovator, Dr. Maraganore s broad experience and personal passion bring an invaluable perspective to our board.

Paul R. Schimmel, Ph.D.

Dr. Schimmel is a scientific founder of Alnylam and has served as a member of our board of directors since June 2002.

#### **Committees:**

Compensation Committee

Science and Technology Committee

**Experience, Expertise and Qualifications** 

Dr. Schimmel has been the Ernest and Jean Hahn Professor of Molecular Biology and Chemistry and a member of the faculty of the Skaggs Institute for Chemical Biology at the Scripps Research Institute since 1997. Dr. Schimmel is a member of the National Academy of Sciences, the Institute of Medicine and the American Academy of Arts and Sciences. Dr. Schimmel also serves as a director of aTyr Pharma, Inc.

**Director since: 2002** 

# **Age: 75**

# **Key Contributions to the Board**

Dr. Schimmel is a noted academic scholar, and his knowledge and experience offer a critical scientific perspective to our board. Dr. Schimmel has authored or co-authored more than 450 scientific papers, and has been active in many scientific and academic organizations and committees. Having a longstanding interest in the applications of basic biomedical research to human health, Dr. Schimmel holds several patents and is a co-founder or founding

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director of a number of biotechnology companies, of which six, including Alnylam, became publicly traded. As one of our scientific founders, Dr. Schimmel s insight and scientific expertise are invaluable assets to our board when evaluating our strategy and unique challenges as one of the first companies focused on the discovery and development of therapeutics based on RNA interference, or RNAi.

# Phillip A. Sharp, Ph.D.

Dr. Sharp is a scientific founder of Alnylam and has served as a member of our board of directors since June 2002.

#### **Committees:**

# Science and Technology Committee (Chair)

Nominating and Corporate Governance Committee

# Director since: 2002

**Age: 71** 

# **Experience, Expertise and Qualifications**

Dr. Sharp is an Institute Professor at the David H. Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology (MIT), and was the Founding Director of the McGovern Institute for Brain Research at MIT. Dr. Sharp has been a professor at MIT since 1974. He is a member of the National Academy of Sciences, the Institute of Medicine and the American Academy of Arts and Sciences. Dr. Sharp also formerly served as a director of Biogen Inc., which he co-founded in 1978.

# **Key Contributions to the Board**

Dr. Sharp, a leading researcher in molecular biology and biochemistry, brings to our board a fundamental understanding of the core scientific principles of our business. Dr. Sharp received the Nobel Prize for Physiology or Medicine in 1993, received numerous awards and honorary degrees for his scientific work, and served on many advisory boards for the government, academic institutions, scientific societies and companies. Dr. Sharp also has strategic expertise based upon his role as a co-founder and former director of Biogen. As one of our scientific founders, Dr. Sharp s insight and scientific expertise are invaluable assets to our board when evaluating our strategy and unique challenges as one of the first companies focused on the discovery and development of RNAi therapeutics, and he is uniquely qualified to serve as the chair of our science and technology committee.

# Class II Directors Whose Terms Expire in 2018

Dennis A. Ausiello, M.D. Dr. Ausiello has served as a member of our board of directors since April 2012.

#### **Committees:**

## **Experience, Expertise and Qualifications**

Governance Committee

Science and Technology Committee

Nominating and Corporate Dr. Ausiello serves as the Director of the Center for Assessment Technology and Continuous Health (CATCH), Jackson Distinguished Professor of Clinical Medicine at Harvard Medical School and Physician-in-Chief Emeritus at Massachusetts General Hospital, and served as the Chief of Medicine at Massachusetts General Hospital from 1996 to April 2013. Dr. Ausiello was the President of the Association of American Physicians in 2006. He is a member of the Institute of Medicine of the National Academy of Sciences and the American Academy of Arts and Sciences. He also serves as a director of Pfizer Inc. and Seres Therapeutics, Inc.

**Director since: 2012** 

**Age: 70** 

#### **Key Contributions to the Board**

Dr. Ausiello s experience as a practicing physician, a scientist and a nationally recognized leader in academic medicine enable him to bring valuable insights to our board, particularly as we advance our clinical development pipeline and initiate additional clinical trials. In addition, Dr. Ausiello oversees a large research portfolio and an extensive research and education budget at Massachusetts General Hospital, giving him a valuable perspective on drug discovery and development. Through his previous work as the Chief of Medicine at Massachusetts General Hospital, Dr. Ausiello also brings leadership, oversight and finance experience to our board.

John K. Clarke

Mr. Clarke is a founder of Alnylam, has served as a member of our board of directors since June 2002 and served as the chairman of our board until December 2015.

#### **Committees:**

## **Experience, Expertise and Qualifications**

Nominating and Corporate Governance Committee (Chair)

Since founding Cardinal Partners, a venture capital firm focused on healthcare, in 1997, Mr. Clarke has served as its Managing General Partner. Mr. Clarke also serves as the chairman of the board of directors at aTyr Pharma, Inc. and formerly served as a director of Momenta Pharmaceuticals, Inc. and Verastem, Inc.

**Director since: 2002** 

**Key Contributions to the Board Age: 62** 

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Mr. Clarke has over 30 years of experience as a venture capitalist in the life sciences and healthcare industries, bringing a deep understanding to our board of the challenges of building a successful biotechnology company. He co-founded and served as interim chief executive officer of numerous successful private and publicly traded biotechnology companies. Mr. Clarke has a keen understanding of the interplay between management and the board and is well-versed in the current best practices in corporate governance, making him well-suited to serve as the chair of our nominating and corporate governance committee.

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Marsha H. Fanucci

Ms. Fanucci has served as a member of our board of directors since December 2010.

#### **Committees:**

#### **Experience, Expertise and Qualifications**

**Audit Committee** 

Nominating and Corporate Governance Committee

tee

**Director since: 2010** 

Age: 62

Ms. Fanucci served as Senior Vice President and Chief Financial Officer of Millennium Pharmaceuticals, Inc., a biopharmaceutical company (now a wholly-owned subsidiary of Takeda Pharmaceutical Company Limited), from July 2004 to January 2009. While at Millennium, she also served as Vice President, Finance and Corporate Strategy from July 2003 to June 2004, and prior to that as Vice President of Corporate Development from 2000. Prior to joining Millennium, Ms. Fanucci served as Vice President of Corporate Development and Strategy at Genzyme Corporation, a biotechnology company (now Sanofi Genzyme, the specialty care global business unit of Sanofi), from 1998 to 2000. Ms. Fanucci also serves as a director of Ironwood Pharmaceuticals, Inc. and Momenta Pharmaceuticals, Inc.

# **Key Contributions to the Board**

Ms. Fanucci has substantial expertise with respect to public company and financial accounting matters, including over 25 years of leadership and consulting experience in biotechnology and healthcare companies. Her leadership in the areas of corporate strategy, financial planning and reporting, and operations, are an asset to our board, and in particular, our audit committee, as we continue to grow our company, advance our late stage clinical programs, begin to build our commercial operations in preparation for the potential launch of our first product, and partner additional programs and technologies.

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David E.I. Pyott

Mr. Pyott has served as a member of our board of directors since December 2015.

Director since: 2015

#### **Experience, Expertise and Qualifications**

Age: 62

Mr. Pyott served as the Chief Executive Officer of Allergan, Inc., a global specialty pharmaceutical and medical device company, from January 1998 to March 2015 and as Allergan s Chairman from March 2001 until March 2015. Prior to Allergan, Mr. Pyott served as the Head of the Novartis Nutrition Division and as a member of the Executive Committee of Switzerland-based Novartis AG. Mr. Pyott also serves as the lead independent director at Avery Dennison Corporation, a director of BioMarin Pharmaceutical Inc. and a member of the Supervisory Board of Royal Philips in the Netherlands. Mr. Pyott formerly served as a director of Edwards Lifesciences Corporation.

# **Key Contributions to the Board**

Mr. Pyott possesses over 30 years of operational, commercial and senior management experience, including his successful tenure as the Chief Executive Officer and Chairman at Allergan, where he transformed the company from a small eye care business to a global specialty pharmaceutical and medical device company. His in-depth knowledge of pharmaceutical growth and commercial expansion, combined with his entrepreneurial leadership experience in the healthcare industry, position him well to serve as a member of our board and make significant contributions as we continue to advance our late stage clinical programs and begin to build our commercial operations in preparation for the potential launch of our first product. Mr. Pyott s substantial public company governance experience from serving on the boards of several large public companies also makes him an asset to our board.