

REPROS THERAPEUTICS INC.  
Form DEF 14A  
August 15, 2017

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  
(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 Pursuant to § 240.14a-12

REPROS THERAPEUTICS INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

..Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.

1) Title of each class of securities to which transaction applies:

2) Aggregate number of securities to which transaction applies:

3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (Set forth the amount on which the filing fee is calculated and state how it was determined):

4) Proposed maximum aggregate value of transaction:

5) Total fee paid:

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1) Amount Previously Paid:

2) Form, Schedule or Registration Statement No.:

3) Filing Party:

4) Date Filed:

Repros Therapeutics Inc.  
2408 Timberloch Place, Suite B-7  
The Woodlands, Texas 77380

August 15, 2017

TO OUR STOCKHOLDERS:

You are cordially invited to attend our 2017 annual meeting of stockholders to be held on September 13, 2017, at 1:00 p.m., Eastern time, at the offices of Morgan, Lewis & Bockius LLP, 101 Park Avenue, New York, New York 10178. A notice of the annual meeting, proxy statement and form of proxy are enclosed with this letter.

We encourage you to read the notice of the annual meeting and proxy statement so that you may be informed about the business to come before the meeting. Your participation in our business is important, regardless of the number of shares that you hold. To ensure your representation at the meeting, please promptly sign and return the accompanying proxy card in the postage-paid envelope. **We urge you to vote regardless of whether you expect to attend the annual meeting so that we may ensure that a quorum is present.**

We look forward to seeing you on September 13, 2017.

Sincerely,

/s/ Larry M. Dillaha, M.D.

Larry M. Dillaha, M.D.  
*Chief Executive Officer*

NOTICE OF ANNUAL MEETING OF  
STOCKHOLDERS  
TO BE HELD SEPTEMBER 13, 2017

To our stockholders:

The annual meeting of stockholders of Repros Therapeutics Inc. will be held on September 13, 2017, at 1:00 p.m., Eastern time, at the offices of Morgan, Lewis & Bockius LLP, 101 Park Avenue, New York, New York 10178, for the following purposes:

1. To elect a board of six directors, each to serve until our next annual meeting of stockholders or until their respective successors have been duly elected and qualified;
2. To ratify and approve the appointment of PricewaterhouseCoopers LLP as our registered independent public accounting firm for our fiscal year ending December 31, 2017;
3. To approve, on an advisory basis, the compensation of our named executive officers; and
4. To act on such other business as may properly come before the annual meeting or any adjournments thereof.

Only stockholders of record at the close of business on August 1, 2017 will be entitled to notice of and to vote at the annual meeting.

It is important that your shares be represented at the annual meeting regardless of whether you plan to attend. THEREFORE, PLEASE MARK, SIGN AND DATE THE ENCLOSED PROXY AND RETURN IT IN THE ACCOMPANYING POSTAGE-PAID ENVELOPE AS PROMPTLY AS POSSIBLE. If you are present at the annual meeting, and wish to do so, you may revoke the proxy and vote in person. In order to be able to have your vote counted at the annual meeting, you need to have written documentation that you are a record holder or, if you own your shares through a brokerage or other type account, written documentation from the account holder that you are the beneficial owner of the shares you are voting.

By Order of the Board of Directors,

/s/ Katherine A. Anderson

Katherine A. Anderson

*Secretary*

The Woodlands, Texas

August 15, 2017

**Important Notice Regarding the Availability of Proxy Materials for the Stockholders Meeting to be Held on September 13, 2017**

**This Proxy Statement, Form of Proxy and the Repros Therapeutics Inc. Annual Report On Form 10-K for the Fiscal Year Ended December 31, 2016 Are Available At:**

**[www.reprosrx.net/ProxyDocuments](http://www.reprosrx.net/ProxyDocuments)**

Repros Therapeutics Inc.  
2408 Timberloch Place, Suite B-7  
The Woodlands, Texas 77380

PROXY STATEMENT  
FOR  
ANNUAL MEETING OF STOCKHOLDERS

To Be Held September 13, 2017

SOLICITATION AND REVOCABILITY OF PROXIES

Our board of directors is soliciting your proxy to be voted at our annual meeting of stockholders to be held on September 13, 2017, at 1:00 p.m., Eastern time, at the offices of Morgan, Lewis & Bockius LLP, 101 Park Avenue, New York, New York 10178, for the purposes set forth in the accompanying notice of annual meeting of stockholders, and at any adjournment(s) of the annual meeting. If the accompanying proxy is properly executed and returned, the shares it represents will be voted at the annual meeting in accordance with the directions noted thereon or, if no direction is indicated, it will be voted in favor of the proposals described in this proxy statement. In addition, the proxy confers discretionary authority to the persons named in the proxy authorizing those persons to vote, in their discretion, on any other matters properly presented at the annual meeting. Our board of directors is not currently aware of any such other matters.

Each of our stockholders has the unconditional right to revoke his or her proxy at any time prior to its exercise, either in person at the annual meeting or by written notice to our Secretary at Repros Therapeutics Inc., 2408 Timberloch Place, Suite B-7, The Woodlands, Texas 77380. No revocation by written notice will be effective unless such notice has been received by our Secretary prior to the day of the annual meeting or by the inspector of election at the annual meeting. If you are present at the annual meeting, in order to be able to have your vote counted at the annual meeting and thus, to revoke your prior valid vote, you need to have written documentation that you are a record holder or, if you own your shares through a brokerage or other type account, written documentation from the holder of record that you are the beneficial owner of the shares you are voting.

Our principal executive offices are located at 2408 Timberloch Place, Suite B-7, The Woodlands, Texas 77380. This proxy statement and the accompanying notice of annual meeting of stockholders and proxy are being mailed to our stockholders on or about August 15, 2017.

We have retained Morrow Sodali LLC, a proxy solicitor, to solicit proxies by mail, in person or by telephone, at an estimated cost of \$5,500 plus reimbursement of reasonable out-of-pocket expenses. In addition to the solicitation of proxies by use of this proxy statement, our directors, officers and employees may solicit the return of proxies by mail, personal interview, telephone or the internet. Our officers and employees will not receive additional compensation for their solicitation efforts, but they will be reimbursed for any out-of-pocket expenses incurred. Brokerage houses and other custodians, nominees and fiduciaries will be requested, in connection with the stock registered in their names, to forward solicitation materials to the beneficial owners of such stock.

**We will bear all costs of preparing, printing, assembling and mailing the notice of annual meeting of stockholders, this proxy statement, the enclosed form of proxy and any additional materials, as well as the cost of forwarding solicitation materials to the beneficial owners of stock and all other costs of solicitation.**



## PURPOSES OF THE MEETING

At the annual meeting, our stockholders will be asked to consider and act on the following matters:

1. Electing a board of six directors, each to serve until our next annual meeting of stockholders or until their respective successors have been duly elected and qualified;
2. Ratifying and approving the appointment of PricewaterhouseCoopers LLP as our registered independent public accounting firm for our fiscal year ending December 31, 2017;
3. To approve, on an advisory basis, the compensation of our named executive officers; and
4. Acting on such other business as may properly come before the annual meeting or any adjournments thereof.

## QUORUM AND VOTING

The close of business on August 1, 2017 has been fixed as the record date for the determination of stockholders entitled to vote at the annual meeting and any adjournment(s) thereof. As of the record date, we had 37,380,828 shares of common stock issued and outstanding.

Each stockholder of record of common stock will be entitled to one vote per share on each matter that is called to vote at the annual meeting. Shares of common stock may not be voted cumulatively.

The presence, either in person or by proxy, of holders of shares representing a majority of the common stock entitled to be cast at the annual meeting is necessary to constitute a quorum at the annual meeting. Abstentions and broker non-votes are counted for purposes of determining the presence or absence of a quorum for the transaction of business. Broker non-votes occur when a broker or other nominee does not have discretionary authority to vote the shares with respect to a particular matter and has not received voting instructions from the beneficial owner with respect to that matter. A plurality vote is required for the election of directors. Accordingly, if a quorum is present at the annual meeting, the six persons receiving the greatest number of votes cast at the annual meeting will be elected to serve as directors. Thus, abstentions and broker non-votes will not affect the outcome of the election of directors.

All other matters to be voted on will be decided by the vote of the holders of shares representing a majority of the votes present or represented by proxy at the annual meeting and entitled to vote on such matter. Shares present or represented by proxy at the meeting but that abstain with respect to Proposal Number 2 or 3 will be considered present and entitled to vote on such matter and will therefore have the effect of a “no” vote on such matter. Broker non-votes will not be treated as shares present or represented by proxy at the meeting, and therefore will have no effect.

All proxies that are properly completed, signed and returned prior to the annual meeting will be voted. Any proxy given by a stockholder may be revoked at any time before it is exercised by the stockholder by (i) filing with our Secretary an instrument revoking it, (ii) executing and returning a proxy bearing a later date or (iii) attending the annual meeting and expressing a desire to vote his or her shares of common stock in person. If you wish to vote in person at the meeting but hold your stock in street name (that is, in the name of a broker, bank or other institution), then you must have a proxy from the broker, bank or institution in order to vote at the meeting. Votes will be counted by Computershare Trust Company, N.A., our transfer agent and registrar.

## SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table presents certain information regarding the beneficial ownership of our common stock as of August 1, 2017 by:

- each person who is known by us to own beneficially more than 5% of the outstanding shares of common stock;
- each director and nominee for director;
- each executive officer named in the Summary Compensation Table under the heading “Executive Compensation”; and
- all directors and executive officers as a group.

| Name of Beneficial Owner                                    | <b>Amount and<br/>Nature of<br/>Beneficial<br/>Ownership of<br/>Common Stock<sup>(1)</sup></b> | <b>Percentage of<br/>Class<sup>(2)</sup></b> |       |
|---|--|--|-------|
| Katherine A. Anderson, C.P.A.                               | 318,875  | (3)  | *     |
| Daniel F. Cain  | 117,666  | (4)  | *     |
| Larry M. Dillaha, M.D.                                      | —  |  | *     |
| Patrick P. Fourteau   | 78,332   | (5)  | *     |
| Nola E. Masterson   | 108,416  | (6)  | *     |
| Joseph S. Podolski  | 858,113  | (7)  | 2.3 % |
| Saira Ramasastry  | 86,666   | (8)  | *     |
| Jaye Thompson, Ph.D.  | 161,250  | (9)  | *     |
| Joachim Wernicke, M.D.                                      | 119,999  | (10)   | *     |
| Michael G. Wyllie, Ph.D., DSC                               | 107,693  | (11)   | *     |
| All directors and executive officers as a group (8 persons) | 937,647  | (3)-(11)                                     | 2.5 % |
| Rosalind Advisors, Inc.                                     | 2,105,626  | (12)   | 5.6 % |

\*

Does not exceed 1%.

(1) Unless otherwise noted, we believe that all persons named in the table have sole voting and investment power with respect to all shares of common stock beneficially owned by such persons.

In accordance with the rules of the Securities and Exchange Commission, or SEC, each beneficial owner's (2) percentage ownership assumes the exercise of all options held by such person that are exercisable within 60 days after August 1, 2017.

(3) Includes 235,000 shares of common stock issuable upon exercise of options.

(4) Includes 100,000 shares of common stock issuable upon exercise of options.

(5) Includes 71,666 shares of common stock issuable upon exercise of options.

(6) Includes 101,750 shares of common stock issuable upon exercise of options.

Includes (i) 75 shares of common stock which are held by certain of Mr. Podolski's family members and (ii) (7) 750,691 shares of common stock issuable upon exercise of options. Mr. Podolski disclaims beneficial ownership of the shares owned by his family members.

(8) Includes 80,000 shares of common stock issuable upon exercise of options.

(9) Includes 161,250 shares of common stock issuable upon exercise of options.

(10) Includes 109,999 shares of common stock issuable upon exercise of options.

(11) Includes 91,668 shares of common stock issuable upon exercise of options.

Based on a Schedule 13G dated July 24, 2017 filed with the SEC, Rosalind Advisors, Inc., the investment advisor to Rosalind Master Fund L.P., Rosalind Capital Partners L.P. and Steven Salamon, the portfolio manager of (12) Rosalind Advisors, Inc., may be deemed to be the beneficial owner of these shares, of which 1,478,475 are owned by Rosalind Capital Partners L.P. and 627,151 are owned by Rosalind Master Fund L.P. The address of Rosalind Advisors, Inc. and Mr. Salamon is 175 Bloor Street East, Suite 1316, North Tower, Toronto, Ontario, M4W 3R8 Canada.

## Equity Compensation Plan Information

The following table provides information as of December 31, 2016, regarding compensation plans (including individual compensation arrangements) under which equity securities are authorized for issuance:

| <b>Plan category</b>  | Number of securities to be issued upon exercise of outstanding options, warrants and rights | Weighted-average exercise price of outstanding options, warrants and rights | Number of securities remaining available for future issuance under equity compensation plans (excluding securities shown in the first column) |     |
|---|---|---|---|-----|
| Equity compensation plans approved by shareholders <sup>(1)</sup> | 2,792,357   | \$ 8.21   | 549,135   | (2) |
| Equity compensation plans not approved by shareholders            | —   | —   | —   |     |
| <b>Total</b>  | <b>2,792,357</b>  | <b>\$ 8.21</b>  | <b>549,135</b>  |     |

Consists of shares of common stock reserved for issuance under our 2011 Equity Incentive Plan and the following (1) former equity incentive plans: our 2000 Non-Employee Directors' Stock Option Plan and our 2004 Stock Option Plan.

(2) Consists of 549,135 shares remaining available for issuance under our 2011 Equity Incentive Plan.

**PROPOSAL NUMBER 1:  
ELECTION OF DIRECTORS**

Our board of directors has nominated and urges you to vote for the election of Larry M. Dillaha, M.D., our President and Chief Executive Officer, Daniel F. Cain, Patrick P. Fourteau, Nola E. Masterson, Saira Ramasastry and Michael G. Wyllie, Ph.D., DSC, all of whom have been nominated to serve as directors until the next annual meeting of stockholders or until their successors are duly elected and qualified. The chart and paragraphs below provide information regarding each nominee, including the experiences, qualifications, attributes or skills that caused the Nominating and Corporate Governance Committee and the board of directors to determine that the person should be nominated for election as a director at the annual meeting. Proxies solicited hereby will be voted for all nominees unless stockholders specify otherwise in their proxies.

If, at the time of or prior to the annual meeting, any of the nominees should be unable or decline to serve, the discretionary authority provided in the proxy may be used to vote for a substitute or substitutes designated by the board of directors. The board of directors has no reason to believe that any substitute nominee or nominees will be required.

Nominees for Election as Directors

The names of the nominees for election as directors, and certain additional information with respect to each of them, are set forth below.

| <b>Name</b>                    | <b>Age</b> | <b>Position with Us</b>                         | <b>Year First Became Director</b> |
|--------------------------------|------------|---|-----------------------------------|
| Larry M. Dillaha, M.D.         | 53         | President, Chief Executive Officer and Director | 2017                              |
| Daniel F. Cain                 | 72         | Director  | 2004                              |
| Patrick P. Fourteau            | 70         | Director and Chairman of the Board              | 2016                              |
| Nola E. Masterson              | 70         | Director  | 2004                              |
| Saira Ramasastry               | 41         | Director  | 2013                              |
| Michael G. Wyllie, Ph.D., DSC. | 66         | Director  | 2011                              |

*Larry Dillaha, M.D.* Dr. Dillaha was named the Company's President and Chief Executive Officer on April 9, 2017 and was also appointed to the Company's Board of Directors. Dr. Dillaha, has since November 2016 been the Chief Executive Officer and a member of the Board of Directors of CavtheRx, a pre-IND stage, virtual company focused on developing Caveolin Modulators for a variety of inflammatory indications. From April 2014 through January 2017, Dr. Dillaha was the Chief Operating Officer and Chief Medical Officer of New Haven Pharmaceuticals, a specialty pharmaceutical company. From April 2010 through March 2014, Dr. Dillaha was the Chief Medical Officer of Insys Therapeutics, from March 2006 through March 2010, Dr. Dillaha was the Chief Medical Officer of Sciele Pharma, both specialty pharmaceutical companies, and from 2002 through February 2006, Dr. Dillaha was Medical Director, Cardiovascular at Sanofi-Synthelabo/Sanofi. Before that, Dr. Dillaha was a physician in private practice. Dr. Dillaha received his undergraduate degree from the University of Tennessee, Knoxville and his M.D. from the University of Tennessee, Memphis. Dr. Dillaha provides us with more than 15 years of drug development experience ranging from pre-clinical to NDA filing and approval.

*Daniel F. Cain.* Mr. Cain was elected a director in 2004 and was chair of the board of directors from 2005 to 2008. Since October 1994, Mr. Cain has provided consulting services for small businesses. From 1969 to 1994, Mr. Cain held various positions with Miles Laboratories, Inc., Hexcel Corporation, Scripps-Miles, Inc., Synbiotics Corporation and Heska Corporation. Mr. Cain has 45 years of broad business experience including 28 years with medical companies. Sixteen of these years were with three different biotechnology startup companies, one of which he co-founded. Mr. Cain has held a wide variety of executive level management positions including chief executive officer, president and chief financial officer. Mr. Cain earned a B.S. degree from LeTourneau College and an M.B.A. degree from Indiana University. Mr. Cain provides us with the benefit of his broad business and financial expertise gained in more than 38 years of experience, particularly in the medical and biotechnology industries.

*Patrick Fourteau.* Mr. Fourteau was elected a director, serving as chair of the board, in May 2016 by the other members of the board following their decision to bring in additional members with appropriate experience. Mr. Fourteau currently serves as the Chief Executive Officer and a member of the Board of Directors of New Haven Pharmaceutical. Mr. Fourteau served as President and Chief Executive Officer of Shionogi from 2008 until 2010. Prior to the acquisition of Sciele Pharma by Shionogi, Mr. Fourteau served as President and CEO of Sciele Pharma from 2003 until 2008 and served on the board of directors of Sciele from 2004 until 2008. Mr. Fourteau served as President of Worldwide Sales of inVentiv Health, Inc. from 2000 to 2002. Mr. Fourteau served as President of various divisions of St. Jude Medical, Inc. from 1995 to 2000 and as an Executive of Eli Lilly and Company prior to 1995. Mr. Fourteau is a member of the Board of Directors of Insys Therapeutics, Inc. (NASDAQ:INSY). Mr. Fourteau earned his MBA from Harvard University and a B.A. and M.A. in Mathematics from the University of California, Berkeley. Mr. Fourteau provides us with his more than 35 years' experience in corporate development, particularly in the pharmaceutical industry.

*Nola E. Masterson.* Ms. Masterson was elected a director in 2004 and was chair of the board from 2009 to May 2016. She is currently Managing Director of Science Futures Management Co. LLC, an investment and advisory service business specializing in biopharmaceuticals, NGS and genomic tools and diagnostics. She was previously a Venture Partner with Techno Venture Management Capital, a large global venture fund. She currently is Adjunct Professor at the University of San Francisco in the Business and Management Department. Ms. Masterson joined the Board of Directors of ZIVO BioScience, Inc. (OTCQB: ZIVO) in September 2014. She was the founding CEO of Sequenom, Inc., a genetic analysis company located in San Diego. Ms. Masterson was the first biotechnology analyst on Wall Street, working with Drexel Burnham Lambert and Merrill Lynch. Ms. Masterson began her business career at Ames Company, a division of Bayer, in diagnostic sales, and spent eight years at Millipore Corporation in sales management and as Vice President of the biotechnology division. Ms. Masterson provides us with the benefit of her experience as an entrepreneur and an analyst on Wall Street, as well as her 30 years of investment advisory expertise in the life sciences industry.

*Saira Ramasastry.* Ms. Ramasastry was elected a director in March 2013. Ms. Ramasastry is the Founder and Managing Partner of Life Sciences Advisory, LLC, a firm that provides strategic business advice for the biopharmaceutical industry. Previously, Ms. Ramasastry was an investment banker at Merrill Lynch & Co., where she was responsible for originating M&A, strategic and capital markets transactions in the biotechnology industry. Prior to Merrill Lynch, she worked in the M&A group at Wasserstein Perella & Co. Ms. Ramasastry currently serves on the Industry Advisory Board of the Michael J. Fox Foundation for Parkinson's Research, the Board of Directors of Sangamo Biosciences, Inc. (NASDAQ: SGMO) and the Board of Directors of Pain Therapeutics, Inc. (NASDAQ: PTIE). Ms. Ramasastry received her B.A. in Economics with Honors and Distinction and an M.S. in Management Science and Engineering from Stanford University, Phi Beta Kappa, as well as an M. Phil. in Management Studies from the University of Cambridge where she is a guest lecturer for the Bioscience Enterprise Programme and serves on the Cambridge Judge Business School Advisory Council. Ms. Ramasastry provides us with the benefit of her experience in investment banking, capital markets and strategic business development in the biopharmaceutical industry.



*Michael G. Wyllie, Ph.D., DSC.* Dr. Wyllie was elected a director in 2011. Dr. Wyllie has over 30 years of experience in senior management positions in the pharmaceutical industry. He is a director and founder of Global Pharma Consulting and is a graduate of the University of Aberdeen. While Director of Biology at Pfizer, he was involved in the discovery, development, regulatory filing and marketing of eight major pharmaceutical products including doxazosin (Cardura), darifenacin (Enablex) and sildenafil (Viagra). Subsequently, Dr. Wyllie has been involved in founding several start-up companies and the successful listing of four of these on the London Stock Market. He is founder and Chief Scientific Officer of Plethora Solutions Holdings, Plc (LON:PLE), which has a product, PSD502, approved in the EU for premature ejaculation. He is Chairman of Glycomar Ltd, an Oban-based marine biotechnology company and Chairman of Morvus Technology Limited, a pharmaceutical company specializing in the discovery and commercialization of novel drugs for the oncology market. He is a member of the Clinical Trials Committee for the International Consultation in Sexual Medicine. Dr. Wyllie provides us with the benefit of his extensive experience in the pharmaceutical industry related to the development, regulatory filing and marketing of drugs, as well as his entrepreneurial and leadership skills.

**The board of directors recommends that stockholders vote “FOR” the election of each of the above-named nominees, and proxies executed and returned will be so voted unless contrary instructions are indicated thereon.**

EXECUTIVE OFFICERS

Set forth below is certain information concerning our executive officers, including the business experience of each during the past five years.

| <b>Name</b>                     | <b>Age</b> | <b>Position</b>                                 |
|---------------------------------|------------|---|
| Larry M. Dillaha, M.D.          | 53         | President, Chief Executive Officer and Director |
| Katherine A. Anderson, C.P.A..  | 59         | Chief Financial Officer and Secretary           |
| Joachim F. Wernicke, Ph.D, M.D. | 69         | Chief Medical Officer                           |

Information pertaining to Dr. Dillaha may be found in the “Proposal Number 1 – Election of Directors – Nominees for Election as Directors.”

*Katherine A. Anderson, C.P.A.* Ms. Anderson originally joined us in 2002 as an independent contractor controller and, effective October 2009, assumed the additional position of Chief Accounting Officer. She has been Chief Financial Officer since August 2011. Ms. Anderson is a certified public accountant with over 30 years of experience in accounting and finance, including more than 15 years in the life sciences industry. Ms. Anderson earned a B.S. degree in accounting from The University of Houston.

*Joachim F. Wernicke, Ph.D, M.D.* Dr. Wernicke joined us in 2013 as the Chief Medical Officer and has over 30 years of experience in clinical development and regulatory matters. From 2004 until his retirement in 2012, Dr. Wernicke was part of the Global Patient Safety group at Eli Lilly and Company, where he was at various times responsible for Cymbalta, Strattera, Zyprexa, Symbyax, and Effient. He was also involved in the development and approval of Strattera and Cymbalta between 1999 and 2004 and clinical development and regulatory matters related to Prozac and other central nervous system drugs between 1984 and 1990. During his career, he has also served as the VP of Clinical and Regulatory Affairs for Cyberonics, Inc. and as a consultant for various pharmaceutical, biotechnology and medical device companies. Dr. Wernicke received a Ph.D. in biochemistry from U.C.L.A. in 1974, and an M.D. from U.C. Irvine in 1979, followed by a child neurology fellowship.

corporate governance

## Board Meetings

Our operations are managed under the broad supervision of the board of directors, which has ultimate responsibility for the establishment and implementation of our general operating philosophy, objectives, goals and policies. The positions of chair of the board of directors and the chief executive officer of the Company are currently held by different individuals, Patrick Fourteau and Larry Dillaha, M.D., respectively. The Company believes that this structure provides the Company with the appropriate level of risk oversight. Our board of directors is currently comprised of a majority of independent directors. The board of directors has determined that Mr. Cain, Mr. Fourteau, Ms. Masterson, Ms. Ramasastry and Dr. Wyllie are all “independent” as independence is defined under the listing standards for The NASDAQ Stock Market. The board based these determinations primarily on a review of the responses our directors provided to questions regarding employment and compensation history, affiliations and family and other relationships. During 2016, the board of directors convened on four occasions. All directors attended 100% of the meetings held by the board and any committee of the board on which he or she served during his or her tenure in 2016. Our current policy is to have our directors attend our annual meeting of stockholders, either in-person or telephonically, and three of our current directors on the Board at that time attended our 2016 meeting of stockholders.

## Board Committees

Pursuant to delegated authority, various board functions are discharged by the standing committees of the board. The board of directors has appointed three principal standing committees: the compensation and option committee, the nominating and corporate governance committee and the audit committee. Copies of the audit committee charter, the compensation and option committee charter and the nominating and corporate governance committee charter are available in the Corporate Governance section of our web site at [www.reprosr.com](http://www.reprosr.com). The current members of the committees are identified in the following table:

| <b>Director</b>                | <b>Audit</b> | <b>Compensation and Option</b> | <b>Nominating and Corporate Governance</b> |
|--------------------------------|--------------|--------------------------------|--|
| Daniel F. Cain                 | √ (Chair)    | √                              | √  |
| Patrick Fourteau.              |              |                                | √  |
| Nola E. Masterson              | √            | √(Chair)                       | √  |
| Saira Ramasastry.              | √            | √                              | √  |
| Michael G. Wyllie, Ph.D., DSC. |              |                                | √ (Chair)                                  |

**Audit Committee.** The audit committee, which is currently comprised of Mr. Cain, as chair, Ms. Masterson and Ms. Ramasastry, provides assistance to the board of directors in fulfilling its responsibilities relating to corporate accounting and reporting practices, recommends to the board of directors the engagement by us of our independent public accountants, approves services performed by our independent public accountants, including fee arrangements and the range of audit and non-audit services, maintains a direct line of communication between the board of directors and our independent public accountants and performs such other functions as may be prescribed with respect to audit committees under applicable rules, regulations and policies of The NASDAQ Stock Market. The audit committee also evaluates our system of internal controls, the internal audit function and other related areas. The audit committee holds a private executive session with our independent auditors following every audit committee meeting. This executive session excludes management. The audit committee meets quarterly and convened four times in 2016.

As required by The NASDAQ Stock Market and SEC rules regarding audit committees, the board of directors has reviewed the qualifications of its audit committee and has determined that none of the current members of the audit committee have a relationship with us that might interfere with the exercise of their independence from us or management and has determined that each member of the audit committee is independent, as independence is defined in the listing standards for The NASDAQ Stock Market. The board of directors has determined that Mr. Cain, chair of the audit committee, is an audit committee financial expert as described in Item 401(h) of Regulation S-K.

**Compensation and Option Committee.** The compensation and option committee, which is currently comprised of Ms. Masterson, as chair, Mr. Cain and Ms. Ramasastry, establishes the compensation for our President and Chief Executive Officer, including applicable bonus milestones and equity/option grants. The committee also may be involved in or may approve, depending on the availability of the board of directors, grants of awards to other employees, may determine the terms and conditions provided for in each option grant, and may, as requested by our President and Chief Executive Officer, review and recommend to the board of directors the amount of compensation to be paid to our officers. The compensation committee generally convenes on an as needed basis. The compensation and option committee met once during 2016. The board of directors has determined that each member of the compensation and option committee is independent, as independence is defined in the listing standards for The NASDAQ Stock Market.

**Nominating and Corporate Governance Committee.** The nominating and corporate governance committee is currently comprised of Dr. Wyllie, as chair, Mr. Cain, Mr. Fourteau, Ms. Masterson and Ms. Ramasastry. The nominating and corporate governance committee investigates and makes recommendations to the board with respect to qualified candidates to be nominated for election to the board and reviews and makes recommendations to the board of directors with regard to candidates for directors nominated by stockholders in accordance with our bylaws. This committee also investigates and makes recommendations to the board with regard to all matters of corporate governance, including the structure, operation and evaluation of the board and its committees. The nominating and corporate governance committee met once during 2016. The board of directors has determined that each current member of the nominating and corporate governance committee is independent, as independence is defined in the listing standards for The NASDAQ Stock Market.

**Executive Sessions of the Board of Directors.** Our policy is to have non-management directors meet regularly in executive sessions following each of our regularly scheduled meetings of the board of directors in a calendar year. A non-management director is any director who is not an employee and does not include any director who is not independent as determined by the board of directors. Non-management directors presently consist of all current directors except Dr. Dillaha. The non-management directors met a total of four times during calendar year 2016.

**Communications with Directors.** Our security holders and other interested parties may communicate with any of our directors (including any presiding director or the non-management directors as a group) by mail to our Secretary, Repros Therapeutics Inc., 2408 Timberloch Place, Suite B-7, The Woodlands, Texas 77380. Such communications should specify the intended recipient or recipients. All such communications, other than commercial solicitations or communications, will be forwarded to the appropriate director or directors.

**Stockholder Nominations.** The nominating and corporate governance committee will consider stockholder proposals for director nominees. In order to nominate a director at the annual meeting, a stockholder must follow the procedures set forth in Section 2.12 of our bylaws (available on our web site at [www.reprosrx.com](http://www.reprosrx.com)). In order to recommend a nominee for a director position, a stockholder must be a stockholder of record at the time the stockholder gives notice of its recommendation and the stockholder must be entitled to vote for the election of directors at the meeting at which

such nominee will be considered. Stockholder recommendations must be made pursuant to written notice delivered to our principal executive offices no less than 50 days nor more than 75 days prior to the date of the annual or special meeting at which directors are to be elected; provided, that if the date of the annual or special meeting was not publicly announced more than 65 days prior to the annual or special meeting, such notice by the stockholder will be timely if delivered to the Secretary no later than the close of business on the 15<sup>th</sup> day following the day on which such announcement of the date of the meeting was communicated to the stockholders.

The stockholder notice must set forth the following:

1. As to each person the stockholder proposes to nominate for election as a director, all information relating to such person that would be required to be disclosed in solicitations of proxies for the election of such nominees as directors pursuant to Regulation 14A under the Securities Exchange Act of 1934, or the Exchange Act;
2. The written consent to serve as a director if elected by each person nominated;
3. Name and address of the stockholder as they appear on our books; and
4. The class and number of shares of common stock beneficially owned by such stockholder.

In addition to complying with the foregoing procedures, any stockholder nominating a director must also comply with all applicable requirements of the Exchange Act and the rules and regulations thereunder.

**Nominating and Corporate Governance Committee Nominations.** The nominating and corporate governance committee selects each nominee based on the nominee's skills, achievements and experience. The Company seeks directors who represent a diversity of backgrounds and experiences and believes that such diversity will enhance the quality of the board's deliberations and decisions. In selecting candidates, the following will be considered, among other things: knowledge, experience and skills in areas critical to understanding us and our business (including financial expertise); personal characteristics, such as integrity and judgment; and candidates' commitments to the boards of other companies. As part of its periodic self-assessment process, the board determines the diversity of specific skills and characteristics necessary for the optimal functioning of the board.

When seeking candidates for director, the nominating and corporate governance committee may solicit suggestions from incumbent directors, management, stockholders or others. While the committee has authority under its charter to retain a search firm for this purpose, no such firm was utilized in 2016. After conducting an initial evaluation of a potential candidate, the committee will interview that candidate if it believes such candidate might be suitable to be a director. The committee may also ask the candidate to meet with management. If the committee believes a candidate would be a valuable addition to the board of directors, it will recommend to the full board of directors that candidate's election. All of our current directors are standing for re-election at the annual meeting.

#### Code of Conduct and Ethics

We have adopted a Code of Business Conduct and Ethics for directors, officers and employees and a Code of Ethics for Senior Financial Officers, which are available on the Corporate Governance section of our website at [www.reprosrx.com](http://www.reprosrx.com). If any substantive amendments are made to either code, the nature of such amendment will be disclosed on our website. In addition, if a waiver from either code is granted to an executive officer, director or principal accounting officer, the nature of such waiver will be disclosed on our website.

#### Compensation Committee Interlocks and Insider Participation

All members of the compensation and option committee are independent directors, and none of them are present or past employees or officers of ours. No member of the compensation and option committee has had any relationship with us requiring disclosure under Item 404 of Regulation S-K under the Exchange Act. None of our executive officers has served on the board or compensation committee (or other committee serving an equivalent function) of any other entity which has one of their executive officers who served on our board or compensation and option

committee.

### **The Board's Role in Risk Oversight**

The board of directors' role in the Company's risk oversight process includes regular discussions and meetings with members of senior management on areas of material risk to the Company, including operational, financial, legal, regulatory, strategic and reputational risks. In addition, several members of the Company's board are actively involved in several key areas of risk to the Company, namely, regulatory strategy and interactions with the U.S. Food and Drug Administration, and financing matters. Due to the relatively small size of the board, and the centralized management at the Company, senior management is able to frequently interact with the full board (or the appropriate Committee in the case of risks that are under the purview of a particular Committee). This structure enables the board and its Committees to be heavily involved in the risk oversight role.



## AUDIT COMMITTEE REPORT

The audit committee is currently comprised of three directors who are independent, as defined by the standards of The NASDAQ Stock Market. The audit committee assists the board in overseeing matters relating to our accounting and financial reporting practices, the adequacy of our internal controls and the quality and integrity of our financial statements. A copy of the audit committee's charter is available on our web site at [www.reprosrx.com](http://www.reprosrx.com) in the Corporate Governance section.

The audit committee met four times during the year ended December 31, 2016. The audit committee reviewed with management and the independent auditors the interim financial information included in our quarterly reports on Form 10-Q for the fiscal quarters ended March 31, June 30 and September 30, 2016 prior to their being filed with the SEC and reviewed in a meeting held in 2017 the financial information for the fiscal quarter and year ended December 31, 2016, as filed with our Form 10-K for the year ended December 31, 2016.

The independent auditors provided the audit committee with a written statement describing all the relationships between us and our auditors that might bear on the auditors' independence consistent with Public Company Accounting Oversight Board Rule 3526 (Communication with Audit Committees Concerning Independence). The audit committee also discussed with the auditors any relationships that may impact their objectivity and independence and satisfied itself as to the auditors' independence.

The audit committee discussed and reviewed with the independent auditors all communications required by generally accepted auditing standards, including those described in Statement of Auditing Standards No. 16, as amended, "Communication with Audit Committees."

With and without management present, the audit committee discussed and reviewed the results of the independent auditors' examination of our December 31, 2016 financial statements. The discussion included matters related to the conduct of the audit, such as the selection of and changes in significant accounting policies, the methods used to account for significant or unusual transactions, the effect of significant accounting policies in emerging areas, the process used by management in formulating significant accounting estimates and the basis for the auditors' conclusions regarding the reasonableness of those estimates, significant adjustments arising from the audit and disagreements, if any, with management over the application of accounting principles, the basis for management's accounting estimates and the disclosures in the financial statements.

The audit committee reviewed our audited financial statements as of and for the year ended December 31, 2016, and discussed them with management and the independent auditors. Based on such review and discussions, the audit

committee recommended to the board that our audited financial statements be included in our Annual Report on Form 10-K for the fiscal year ended December 31, 2016 for filing with the SEC.

The foregoing report is given by the members of the audit committee:

Daniel F. Cain, Chair

Nola E. Masterson

Saira Ramasastry

This report of the audit committee shall not be deemed incorporated by reference by any general statement incorporating by reference this proxy statement into any filing under the Securities Act of 1933, or Securities Act, or the Exchange Act, except to the extent that we specifically incorporate this information by reference, and shall not otherwise be deemed filed under either the Securities Act or the Exchange Act.

## Compensation and Option Committee Report

The compensation and option committee has reviewed and discussed the Compensation Discussion and Analysis for the year ended December 31, 2016 with management, and based on such reviews and discussions, the compensation and option committee recommended to the board, and the board has approved, that the Compensation Discussion and Analysis be included in this proxy statement for filing with the SEC.

The foregoing report is given by the following members of the compensation and option committee:

Nola E. Masterson, Chair

Saira Ramasastry

Daniel F. Cain

The report of the compensation and option committee shall not be deemed incorporated by reference by any general statement incorporating by reference this proxy statement into any filing under the Securities Act or the Exchange Act, except to the extent that we specifically incorporate this information by reference, and shall not otherwise be deemed filed under the Securities Act or the Exchange Act.

## Compensation Discussion and Analysis

### **Philosophy**

We have designed our compensation programs to attract and retain key employees, motivate all of our employees to be productive and reward our employees, officers and directors for exceptional performance. We have implemented different types of compensation programs to motivate performance both in the short-term and in the long-term, with the ultimate goal of long-term increased value for our stockholders.

We believe that our executive compensation programs are essential to our ultimate success and also impact the environment of compensation for all employees. Executive compensation programs set the general level of expectations for us and also demonstrate the types of goals we expect all employees to reach.

In setting executive compensation, we first determine the goals that will ultimately make the Company successful. Generally, for the past several years, our success has been dependent upon two key factors:

- the continued clinical development of our two products, enclomiphene and Proellex®; and
- our ability to raise capital to allow us to continue such development.

Because these are goals that are best measured over the long term, we believe that the most effective means of motivating our executives is by providing compensation that will reward long-term success with competitive short-term compensation being used to retain our key executives. We have utilized traditional long-term compensation programs, namely, stock option programs, to effectuate these goals.

### **Overview of Compensation and Process**

Our compensation programs consist of the following:

·Base cash salary;

·Annual cash incentive payments and cash bonuses;

·Equity incentives; and

·General employee benefits available to all employees (Simple IRA matching program, life, health and dental insurance).

The board of directors establishes and oversees compensation for all our executive officers through the Company's compensation and option committee or its chief executive officer as applicable. The compensation and option committee is responsible for determining the compensation for our chief executive officer (Dr. Dillaha), reviewing the proposed compensation of other senior management persons and key employees, and for administering our incentive plans under which grants may be made to all of our employees as well as directors. This includes establishing performance based milestones for purposes of our chief executive officer's bonus compensation. The committee also determines whether any potential bonus was earned by our chief executive officer, how any potential bonus will be paid and reviews and approves the proposed bonus payments for all other officers and key employees. Our chief executive officer does not participate in deliberations relating to these determinations. The chief executive officer provides recommendations to the compensation and option committee regarding the compensation of the other officers in the Company, namely Katherine A. Anderson and Dr. Joachim F. Wernicke, and the compensation and option committee then meets with our chief executive officer concerning their compensation and makes its final determination of the appropriate compensation amounts for each of them.

In determining the level and composition of the compensation of our chief executive officer and our other executives, the compensation and option committee or our chief executive officer takes into account various qualitative and quantitative indicators, including comparisons with the compensation awarded to the officers of other companies of similar size, revenue and market capitalization in the biotechnology and pharmaceutical industries.

Due to the time consuming and extensive clinical trials necessary for approval of our drug candidates by the FDA and the setbacks that may be encountered from time to time during this process, we have, from time to time, experienced difficulty in raising the capital needed on satisfactory terms. As a result, conservation of our limited cash is an important factor we consider. This has impacted the Company's philosophy on compensating our executive officers and other employees, using equity awards from time to time to incentivize the Company's employees.

In order to facilitate the use of equity compensation in our overall compensation program, the compensation and option committee adopted the 2011 Equity Incentive Plan in early 2011 on behalf of the board of directors in order to provide a more comprehensive equity incentive program for the employees, directors and consultants of the Company. The 2011 Equity Incentive Plan provides the ability to award a variety of equity based compensation incentives such as stock appreciation rights, performance based stock awards, incentive and non-qualified stock options, restricted stock and restricted stock units, and other awards that will provide the compensation and option committee with more responsive methods of rewarding and incentivizing management as the Company progresses. Such 2011 Equity Incentive Plan also operates to simplify the Company's equity compensation structure by combining all prior and pending equity plans into one comprehensive plan.

Section 162(m) of the Internal Revenue Code of 1986, or the Code, places a \$1 million annual cap on the deductible compensation that can be paid to certain executives of publicly-traded corporations. Amounts that qualify as "performance based" compensation under Section 162(m)(4) of the Code are exempt from the cap and do not count toward the \$1 million limit. Generally, stock options will qualify as performance based compensation. The committee has discussed and considered and will continue to evaluate the potential impact of Section 162(m) on us in making compensation determinations, but has not established a set policy with respect to future compensation determinations.

The Company does not believe that its compensation policies and practices for its employees are reasonably likely to have a material adverse effect on the Company.

The compensation committee notes that at our 2016 annual meeting of stockholders, the compensation of our named executive officers was approved by 94.6% of the votes cast. The compensation committee believes that this signifies our stockholders' support of our approach to executive compensation. Based on the substantial stockholder support of our executive compensation programs, the compensation committee elected not to make significant changes to our program in 2016. The compensation committee remains open to any concerns expressed by our stockholders and will continue to consider the outcome of future say-on-pay votes when making compensation decisions for our named executive officers.

*Overall 2016 Compensation*

The Summary Compensation Table on page 16 of this proxy sets forth the compensation that our named executive officers were paid in 2016 in accordance with SEC rules. However, particularly with respect to compensation from option awards, such table reflects compensation that relates to options granted prior to 2016 which vested in 2016. In order to provide additional clarification on all compensation paid in consideration of 2016 performance, we are providing the following table. It should not be read as a replacement of the Summary Compensation Table or the other tables appearing in this Compensation Discussion and Analysis, but as a supplement thereto. The amounts reflected in this table include:

- 2016 annual salary;
- 2016 annual incentive compensation (bonus paid in 2017 in consideration of 2016 performance);
- Other compensation paid in 2016; and
- Options granted for service in 2016.

| Name                  | Salary    | Annual Cash Incentive Compensation | All Other Compensation (1) | Total Cash Compensation | 2016 Options |
|-----------------------|-----------|------------------------------------|----------------------------|-------------------------|--------------|
| Joseph S. Podolski    | \$495,000 | \$ 420,750                         | \$ 36,010                  | \$ 951,760              | —            |
| Katherine A. Anderson | \$325,000 | —                                  | \$ 19,871                  | \$ 344,871              | —            |
| Jaye Thompson, Ph.D.  | \$250,000 | —                                  | \$ 8,083                   | \$ 258,083              | 10,000       |

Includes (i) \$21,160, \$10,121 and \$583 paid for health benefits on behalf of Mr. Podolski, Ms. Anderson and Dr. 1)Thompson, respectively; and (ii) \$14,850, \$9,750 and \$7,500 in contributions in a simple IRA made by us on behalf of Mr. Podolski, Ms. Anderson and Dr. Thompson, respectively.

## Recent Developments

On February 1, 2017, Joseph S. Podolski left as our President and Chief Executive Officer, and also as a member of our Board of Directors. Following Mr. Podolski's departure, Dr. Dillaha was appointed to serve, on an interim basis, as the Company's President and Chief Executive Officer. This appointment was made permanent on April 9, 2017, and Dr. Dillaha was also appointed to the Board of Directors on that date. On May 24, 2017, Dr. Thompson separated from the Company.

## SUMMARY COMPENSATION TABLE

The following table sets forth the cash and non-cash compensation for the last three fiscal years awarded to or earned by the individuals who served as our chief executive officer and chief financial officer and our three other most highly compensated executive officers during fiscal year 2016: Joseph S. Podolski, Chief Executive Officer, Katherine A. Anderson, Chief Financial Officer and Dr. Jaye Thompson, Senior Vice President of Clinical and Regulatory. We have entered into employment agreements with Mr. Podolski, Ms. Anderson and Dr. Thompson. The material terms of those agreements are described below.

Based on the summary compensation information provided below, "Salary" accounted for approximately 68% of the total compensation paid to the named executive officers for 2016.

| Name and Principal Position | Year | Salary | Bonus | Stock Option Awards (1) | Non-Equity Incentive Compensation | Change in Value of Non-qualified | All Other Compensation | Total |
|-----------------------------|------|--------|-------|-------------------------|-----------------------------------|----------------------------------|------------------------|-------|
|-----------------------------|------|--------|-------|-------------------------|-----------------------------------|----------------------------------|------------------------|-------|



|  |      |           |               |   |             |   |   | Deferred<br>Compensation<br>Earnings |             |  |
|--|------|-----------|---------------|---|-------------|---|---|--------------------------------------|-------------|--|
| Joseph S.<br>Podolski<br>President &<br>CEO        | 2016 | \$495,000 | \$420,750 (2) | — | —           | — | — | \$ 36,010 (3)                        | \$951,760   |  |
|  | 2015 | \$495,000 | \$346,500     | — | —           | — | — | \$ 35,048 (4)                        | \$876,548   |  |
|  | 2014 | \$495,000 | \$396,000     | — | \$2,040,000 | — | — | \$ 37,439 (5)                        | \$2,968,439 |  |
| Katherine A.<br>Anderson<br>CFO and<br>Secretary   | 2016 | \$325,000 | —             | — | —           | — | — | \$ 19,871 (6)                        | \$344,871   |  |
|  | 2015 | \$325,000 | \$48,750      | — | \$205,500   | — | — | \$ 18,750 (7)                        | \$598,000   |  |
|  | 2014 | \$275,000 | —             | — | \$83,900    | — | — | \$ 19,229 (8)                        | \$428,129   |  |
| Jaye Thompson,<br>Ph.D.<br>VP, Clin. &<br>Reg. (9) | 2016 | \$250,000 | —             | — | \$15,000    | — | — | \$ 8,083 (10)                        | \$273,083   |  |
|  | 2015 | \$250,000 | \$37,500      | — | —           | — | — | \$ 7,818 (11)                        | \$295,318   |  |
|  | 2014 | \$250,000 | —             | — | —           | — | — | \$ 6,276 (12)                        | \$256,276   |  |

1) Represents grant date fair value of stock options granted in 2016, 2015 and 2014. Based on the assumptions set forth in Note 3 to our Notes to Condensed Consolidated Financial Statements set forth in our Annual Report on Form 10-K for the year ended December 31, 2016 related to calculation of value of stock based compensation.

2) Paid in January 2017 for services performed in 2016.

- 3) This amount is comprised of \$21,160 paid by us on behalf of Mr. Podolski for health benefits and \$14,850 in contributions made by us on behalf of Mr. Podolski in a simple IRA.
- 4) This amount is comprised of \$20,198 paid by us on behalf of Mr. Podolski for health benefits and \$14,850 in contributions made by us on behalf of Mr. Podolski in a simple IRA.
- 5) This amount is comprised of \$22,939 paid by us on behalf of Mr. Podolski for health benefits and \$14,500 in contributions made by us on behalf of Mr. Podolski in a simple IRA.
- 6) This amount is comprised of \$10,121 paid by us on behalf of Ms. Anderson for health benefits and \$9,750 in contributions made by us on behalf of Ms. Anderson in a simple IRA.
- 7) This amount is comprised of \$9,000 paid by us on behalf of Ms. Anderson for health benefits and \$9,750 in contributions made by us on behalf of Ms. Anderson in a simple IRA.
- 8) This amount is comprised of \$9,479 paid by us on behalf of Ms. Anderson for health benefits and \$9,750 in contributions made by us on behalf of Ms. Anderson in a simple IRA.
- 9) Dr. Thompson separated from the Company on May 24, 2017.
- 10) This amount is comprised of \$583 paid by us on behalf of Dr. Thompson for health benefits and \$7,500 in contributions made by us on behalf of Dr. Thompson in a simple IRA.
- 11) This amount is comprised of \$318 paid by us on behalf of Dr. Thompson for health benefits and \$7,500 in contributions made by us on behalf of Dr. Thompson in a simple IRA.
- 12) This amount is comprised of \$338 paid by us on behalf of Dr. Thompson for health benefits and \$5,938 in contributions made by us on behalf of Dr. Thompson in a simple IRA.

## Base Salary

Salaries are provided to employees as compensation for basic services to the Company and to meet the objective of attracting and retaining talent. The board of directors initially approves the hiring and promotion of any of our executive officers, including their compensation and option package. Prior to his departure, the base salary for Mr. Podolski was normally reviewed on an annual basis by the compensation and option committee. The base salaries for Ms. Anderson and Dr. Thompson are recommended to our compensation and option committee by our chief executive officer, and the compensation and option committee then meets with our chief executive officer concerning his recommendations and makes its final determination of the appropriate compensation amounts for each of such officers.

When establishing or reviewing base compensation levels for Mr. Podolski, the compensation and option committee, in accordance with its general compensation policy, considered numerous factors, including:

- the responsibilities relevant to the position;
- the qualifications of the executive and the relevant experience of the particular individual;
- strategic goals for which the executive has responsibility; and
- general compensation surveys and data available in the industry.

No pre-determined weights are given to any one of such factors.

No changes were made during 2016 to the annual salaries of the named executive officers.

## **Annual Cash Incentives and Bonus**

The Company awards annual cash incentive awards as it deems appropriate in order to align employees' goals with the Company's objectives. In 2016, Mr. Podolski was eligible to receive, upon the decision of the compensation and option committee, a cash incentive award to the extent to which certain defined personal and corporate performance goals were achieved. Mr. Podolski's employment agreement, dated June 16, 2014, established a potential cash incentive of not less than 100% of base salary. Each year, the compensation and option committee meets with Mr. Podolski to establish suitable incentive milestones for him according to our needs and his particular job responsibilities. For calendar year 2016, the compensation and option committee established applicable value weights or percentages for each particular milestone, for purposes of earning his annual cash incentive award. These 2016 milestones included, with applicable weights: submission of an MAA with the EMA for enclomiphene, 10%; attend an advisory committee meeting relating to secondary hypogonadism, 15%; report successful first course of treatment results for vaginally administered Proellex® in the treatment of uterine fibroids, 15%; report successful first course of treatment results for orally administered Proellex® in the treatment of uterine fibroids, 15%; report successful first course of treatment results for orally administered Proellex® in the treatment of endometriosis, 15%; report clinical benefit for enclomiphene as compared to placebo in study ZA-205 after 6 months of treatment, 15%; obtain licensing agreement, 25%; and initiate two new INDs in women's health, 10%. Achievement of all such milestones could have resulted in a cash incentive payment of 120% of Mr. Podolski's base salary. The compensation and option committee usually meets around the end of the calendar year to review the performance of Mr. Podolski and make a recommendation as to the achievement of such milestone targets. For 2016, the committee determined, based on the pre-determined incentive milestones, to award Mr. Podolski 85% of his base salary (as compared to the maximum available 120%), which was paid in January 2017.

## **Equity Compensation**

All of our employees, including executive officers, are eligible to receive long-term stock-based incentive awards under our 2011 Equity Incentive Plan as a means of providing such individuals with a continuing proprietary interest. We believe that such grants further the mutuality of interest between our employees and our stockholders by providing significant incentives for such employees to achieve and maintain high levels of performance. The equity incentive plan enhances our ability to attract and retain the services of qualified individuals. We consider this plan to be the primary means of providing long-term equity compensation to our employees and officers. The compensation and option committee, which acts as administrator of this plan, considers several factors in determining whether such awards are granted to an executive officer, including the following:

- the executive officer's position and his or her performance and responsibilities;
- the amount of stock options, if any, currently held by the officer;

- the vesting schedules of any such options;
- the executive officer's other compensation; and
- similar equity percentages of peer companies.

While the compensation and option committee does not adhere to any firmly established formulas or schedules for the issuance of awards such as options, the committee will generally tailor the terms of any such grant to achieve its goal as a long-term incentive award by providing for a vesting schedule encompassing several years or tying vesting to particular corporate or job performance milestones, particularly milestones related to the two key factors mentioned under "Compensation Discussion and Analysis – Philosophy" above: drug development and fund raising.

During 2016, we granted options to purchase 290,000 shares to all of our employees and officers, which represented 1% of our outstanding common stock at December 31, 2016 and, of such amount, we granted options to purchase 20,000 shares to our executive officers (including 10,000 to Dr. Thompson), representing 7% of the total number of shares granted to our employees and officers.

### **Perquisites**

We match employee contributions to a simple IRA on a dollar for dollar basis up to 3% of salary and bonus after one year of continued employment with the Company. These contributions are available to all employees. We provide health, dental and life insurance benefits to all of our employees. These benefits are provided to attract and retain talent.

**GRANTS OF PLAN-BASED AWARDS**

The following table presents each grant of stock options in 2016 to the individuals named in the summary compensation table. There were no estimated future payouts to report under either non-equity or equity incentive plan awards:

| Name   | Grant Date | All Other Stock Awards: No. Shares of Stock or Units | All Other Option Awards: No. of Securities Underlying Options | Exercise or Base Price of Option Awards | Closing Price of Stock on Grant Date | Grant Date Fair Value of Option Awards(1) |
|--|------------|--|---|---|--------------------------------------|---|
| Joseph S. Podolski, President & CEO                          | —          | —  | —   | —                                       | —                                    | —   |
| Katherine A. Anderson, Chief Financial Officer and Secretary | —          | —  | —   | —                                       | —                                    | —   |
| Jaye Thompson, Ph.D., VP Clinical and Regulatory             | 7/5/16     | —  | 10,000  | \$ 1.73                                 | \$ 1.73                              | \$ 15,000                                 |

(1) Based on the assumptions set forth in Note 3 to our Notes to Condensed Consolidated Financial Statements set forth in our Annual Report on Form 10-K for the year ended December 31, 2016 related to calculation of value of stock-based compensation.

**OUTSTANDING EQUITY AWARDS AT FISCAL YEAR-END**

The following table presents information about unexercised options that were held by each of the individuals listed in the summary compensation table as of December 31, 2016. None of the individuals listed in the summary compensation table hold any stock awards.

|   | Number of Securities Underlying Unexercised Options Exercisable | Number of Securities Underlying Unexercised Options Unexercisable | Equity Incentive Plan Awards: No. of Securities Underlying Unexercised Unearned Options | Option Exercise Price | Option Expiration Date |
|---|---|---|---|-----------------------|------------------------|
| Joseph S. Podolski,<br>President & CEO                            | 12,500  | —   | —   | \$ 49.04              | 01/08/17               |
|   | 12,500  | —   | —   | \$ 35.20              | 02/18/19               |
|   | 21,740  | —   | —   | \$ 2.92               | 12/02/19               |
|   | 16,589  | —   | —   | \$ 3.28               | 02/04/20               |
|   | 11,479  | —   | —   | \$ 3.16               | 05/03/20               |
|   | 26,672  | —   | —   | \$ 1.36               | 07/02/20               |
|   | 15,114  | —   | —   | \$ 2.40               | 08/25/20               |
|   | 27,274  | —   | —   | \$ 1.33               | 10/28/20               |
|   | 26,478  | —   | —   | \$ 1.37               | 12/20/20               |
|   | 300,000   | —   | —   | \$ 4.50               | 02/28/21               |
|   | 5,085   | —   | —   | \$ 5.35               | 03/16/21               |
|   | 74,823  | —   | —   | \$ 5.64               | 06/01/21               |
|   | 7,293   | —   | —   | \$ 3.73               | 09/30/21               |
|   | 5,644   | —   | —   | \$ 4.82               | 12/30/21               |
| 50,000  | —   | —   | \$ 14.23  | 09/05/22              |                        |
| 137,500   | 12,500  | (1)   | \$ 17.47  | 03/26/24              |                        |
| Katherine A. Anderson<br>Chief Financial Officer<br>and Secretary | 10,000  | —   | —   | \$ 3.12               | 03/15/20               |
|   | 50,000  | —   | —   | \$ 4.50               | 02/28/21               |
|   | 5,000   | —   | —   | \$ 5.64               | 06/01/21               |
|   | 125,000   | —   | —   | \$ 5.60               | 08/01/21               |
|   | 20,000  | —   | —   | \$ 14.69              | 09/10/22               |
|   | 4,587   | 413   | (2)   | \$ 21.48              | 01/16/24               |
| 10,000  | 20,000  | (3)   | \$ 8.44   | 02/05/25              |                        |
| Jaye Thompson, Ph.D.<br>VP, Clinical &                            | 10,000  | —   | —   | \$ 2.80               | 11/12/19               |
|   | 1,250   | —   | —   | \$ 2.80               | 05/17/20               |

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|            |         |        |     |         |          |
|------------|---------|--------|-----|---------|----------|
| Regulatory | 40,000  | —      | —   | \$ 4.50 | 02/28/21 |
|            | 5,000   | —      | —   | \$ 5.64 | 06/01/21 |
|            | 5,000   | —      | —   | \$ 7.88 | 06/13/22 |
|            | 100,000 | —      | —   | \$ 8.95 | 03/26/23 |
|            | —       | 10,000 | (4) | \$ 1.73 | 07/05/26 |

(1) The shares underlying this option vest in equal quarterly installments over a three year period. The first installment of 12,500 shares vested on June 26, 2014 and the remainder vests quarterly thereafter.

(2) The shares underlying this option vest in equal quarterly installments over a three year period. The first installment of 417 shares vested on April 16, 2014 and the remainder vests annually thereafter.

(3) The shares underlying this option vest in equal annual installments over a three year period. The first installment of 10,000 shares vest on February 5, 2016 and the remainder vests annually thereafter.

(4) The shares underlying this option vest in equal annual installments over a three year period. The first installment of 3,333 shares will vest on July 5, 2017 and the remainder vests annually thereafter.



### **Options Exercised and Stock Vested**

None of our named executive officers exercised any of their exercisable options during fiscal 2016 nor did any of our named executive officers receive or vest in any stock awards during fiscal 2016.

### **Post-Employment Compensation**

Mr. Podolski's employment agreement provided for a fixed term of employment until June 15, 2018. Any unvested options held by Mr. Podolski were to become fully exercisable in the event he was terminated without cause, and he was entitled to a two (2) year period post termination of employment in which to exercise all options regardless of the reason from termination (unless due to cause).

In addition, Mr. Podolski's employment agreement provided for the following in the event of Mr. Podolski's termination by the Company without Cause or his resignation for Good Reason (both as defined in the Agreement), and upon his execution, and nonrevocation, of a prescribed release: (1) payment of a severance payment equal to an amount equal to three times the amount that results from (x) the sum of (i) Mr. Podolski's annual base salary (at the rate in effect immediately before the date of termination) and target bonus for the fiscal year in which the termination occurs, (ii) Mr. Podolski's annual base salary for each of the two calendar years immediately prior to the calendar year in which the termination date occurs and (iii) the annual bonus that was actually earned and paid to Mr. Podolski for the two fiscal years that immediately precede the fiscal year in which the termination date occurs, divided by (y) three. In addition, Mr. Podolski is eligible for reimbursement of amounts paid for COBRA coverage for the eighteen (18) month period following the date of termination for Mr. Podolski, his spouse and his eligible dependents, less the amount that he would be required to contribute for medical and dental coverage if he remained an active employee of the Company. Further, all outstanding stock options held by Mr. Podolski that are not vested and exercisable as of the date of termination will become fully vested and exercisable on the date of termination and all outstanding stock options held by Mr. Podolski on his date of termination will remain exercisable for the shorter of (x) a period of two (2) years from the date of termination or (y) the remaining term of the option. When Mr. Podolski left the Company in early 2017, he received the compensation and benefits as described in this paragraph for a termination without Cause.

Ms. Anderson's employment agreement expires in August 2017 with automatic annual renewals unless otherwise terminated by either party. If terminated for reasons other than cause or if Ms. Anderson resigns for good reason, Ms. Anderson is entitled to salary and certain employment benefits for twelve (12) months following termination.

Dr. Thompson, is also entitled to severance payments equal to six (6) months of her base salary in the aggregate and certain employment benefits, in the event she is terminated without Cause or resigns for Good Reason (both as defined

in the agreement). Dr. Thompson's employment agreement expired in March 2017, with automatic annual renewals unless otherwise terminated. On May 24, 2017, Dr. Thompson separated from the Company. Dr. Thompson later entered into a separation agreement with the Company that provides for a severance payment consisting of six and one-half months of salary and the continuation of Company-paid benefits for a six month period, as well as providing for Dr. Thompson to have two years to exercise her vested stock options outstanding as of her retirement. The separation agreement also provides that Dr. Thompson is bound by certain restrictive covenants, including non-compete and non-solicitation provisions, and contains a release by Dr. Thompson of all claims against the Company, subject to certain enumerated exceptions.

**DIRECTOR COMPENSATION**

The following table presents summary information for the year ended December 31, 2016 regarding the compensation of the non-employee members of our board of directors.

| Name             | Fees Earned or Paid in Cash(1) | Stock Awards | Option Awards(2) | Non-Equity Incentive Plan Compensation | Change in Pension Value and Nonqualified Deferred Compensation Earnings | All Other Compensation | Total     |
|------------------|--------------------------------|--------------|------------------|--|---|------------------------|-----------|
| Daniel F. Cain   | \$ 57,000                      | —            | \$ 6,450         | —                                      | —   | —                      | \$63,450  |
| Patrick Fourteau | \$ 30,125                      | —            | \$ 171,450       | —                                      | —   | —                      | \$201,575 |
| Nola Masterson   | \$ 65,000                      | —            | \$ 6,450         | —                                      | —   | —                      | \$71,450  |
| Saira Ramasastry | \$ 49,000                      | —            | \$ 6,450         | —                                      | —   | —                      | \$55,450  |
| Michael Wyllie   | \$ 33,000                      | —            | \$ 6,450         | —                                      | —   | \$ 66,996 (3)          | \$106,446 |

(1) Except as otherwise indicated, all of the amounts in this column reflect cash fees paid to or earned by our non-employee directors for attending board or committee meetings during fiscal 2016.

(2) The amounts set forth in this column reflect the value attributed to the option awards granted to our non-employee directors during 2016. On May 12, 2016, Mr. Fourteau was elected as a director, serving as chair of the board and received a grant of an option to purchase 100,000 shares of our common stock. Additionally, at our annual meeting held on June 28, 2016, all of our non-employee directors received a grant of an option to purchase 5,000 shares of our common stock. The following table reflects the aggregate number of outstanding options (including unexercisable options) held by our current non-employee directors as of December 31, 2016:

| Director         | Number of shares underlying outstanding options |
|------------------|---|
| Daniel F. Cain   | 111,250   |
| Patrick Fourteau | 105,000   |

|                  |         |
|------------------|---------|
| Nola Masterson   | 113,000 |
| Saira Ramasastry | 90,000  |
| Michael Wyllie   | 101,668 |

(3) In February 2015, we entered into a consulting arrangement with Dr. Wyllie pursuant to which he shall receive, effective as of February 2015 and for so long as Dr. Wyllie continues to provide specified services to the Company, a monthly consulting fee of approximately \$5,600.

### **Overview of Compensation and Procedures**

We periodically review the level of compensation paid to our non-employee directors. In determining the level of compensation for our non-employee directors, we have obtained data from a number of different sources, including:

· Publicly available peer group information; and

Independent private surveys of non-executive director compensation in the biotechnology community.

Employee directors do not receive additional compensation for service on the board of directors or its committees. We reimburse each non-employee director for travel expenses incurred in connection with attendance at board meetings. Additionally, employee directors and non-employee directors are eligible to participate in the 2011 Equity Incentive Plan. The following table represents the compensation paid to non-employee directors for their service on the Board, or on a committee, or as chair of a committee:

| Position   | Compensation |
|--|--------------|
| Service on Board as a Director                           | \$ 25,000    |
| Chair of the Board                                       | \$ 20,000    |
| Service on Audit Committee                               | \$ 12,000    |
| Service on Compensation Committee                        | \$ 8,000     |
| Service on Nominating and Corporate Governance Committee | \$ 4,000     |
| Chair of Audit Committee                                 | \$ 8,000     |
| Chair of Compensation Committee                          | \$ 6,000     |
| Chair of Nominating and Corporate Governance Committee   | \$ 4,000     |

Pursuant to this policy, during 2016, we paid an aggregate of \$234,125 in cash to our non-employee directors.

Our policies regarding granting awards under the 2011 Equity Incentive Plan are as follows: (i) each non-employee director who is first elected to the board is entitled to receive an option to purchase 40,000 shares of common stock on the date on which he or she first becomes a non-employee director, vesting quarterly over three (3) years, and (ii) each non-employee director in office immediately after each subsequent annual meeting of stockholders will receive an option to purchase 5,000 shares of common stock, vesting over twelve (12) months, effective on such date. During 2016, options to purchase an aggregate of 125,000 shares of common stock were granted to non-employee directors.

In addition, in February 2015 we entered into a consulting arrangement with Dr. Wyllie pursuant to which he shall receive, effective as of February 2015 and for so long as Dr. Wyllie continues to provide specified services to the Company, a monthly consulting fee of approximately \$5,600.

Certain Relationships and Related Transactions

The written charter of the Audit Committee sets forth the Company's policy that related-party transactions between the Company and management be approved by the Audit Committee. The Audit Committee considers whether to ratify or approve a related party transaction on a case-by-case basis, rather than pursuant to a written policy.

#### Section 16(a) Beneficial ownership Reporting Compliance

Section 16(a) of the Exchange Act requires our directors and officers, and persons who own more than 10% of our common stock, to file initial reports of ownership and reports of changes in ownership (Forms 3, 4 and 5) of common stock with the SEC. Officers, directors and greater than 10% stockholders are required by SEC regulation to furnish us with copies of all such forms that they file.

To our knowledge, based solely on our review of the copies of such reports received by us and on written representations by certain reporting persons that no reports on Form 5 were required, we believe that during the fiscal year ended December 31, 2016, all Section 16(a) filing requirements applicable to our officers, directors and 10% stockholders were complied with in a timely manner, except for a Form 4 required to be filed by Dr. Wernicke, which was filed one day late.

**PROPOSAL NUMBER 2:  
RATIFICATION AND APPROVAL OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The board of directors has appointed the firm of PricewaterhouseCoopers LLP as our independent registered public accounting firm to perform an integrated audit of our financial statements for the fiscal year ending December 31, 2017, subject to ratification by our stockholders. We anticipate that representatives of PricewaterhouseCoopers LLP will not be present at the annual meeting. However, we anticipate that representatives of PricewaterhouseCoopers LLP will be available telephonically and will have an opportunity to make a statement, if they desire to do so, and will also be available to respond to appropriate questions from stockholders attending the annual meeting.

**Fees Paid to Registered Independent Public Accounting Firm**

The following table sets forth the aggregate fees billed to us by our registered independent public accounting firm, PricewaterhouseCoopers LLP, for fiscal years ended December 31, 2016 and 2015 respectively:

|            | 2016      | 2015      |
|------------|-----------|-----------|
| Audit Fees | \$291,600 | \$248,500 |
| Tax Fees   | \$8,000   | \$8,500   |
| Total Fees | \$299,600 | \$257,000 |

Audit fees for 2016 included \$48,000 for services related to the filing of Form S-3 and the issuance of common stock. The audit committee considered whether the provision of the services related to the shelf registration statement, common stock issuance and those reflected under “Tax Fees” above might affect PricewaterhouseCoopers’ independence with respect to their audit of our financial statements, and the audit committee believes that such services did not affect, and were compatible with, PricewaterhouseCoopers’ independence.

**Audit Committee Pre-Approval Policies and Procedures**

The audit committee’s policy provides that our independent registered public accounting firm, or the Audit Firm, may provide only those services pre-approved by the audit committee or its designated subcommittee. The audit committee annually reviews and pre-approves the audit, review, attest and permitted non-audit services to be provided during the next audit cycle by the Audit Firm. To the extent practicable, at the same meeting the audit committee also reviews and approves a budget for each of such services. The term of any such pre-approval is for the period of the annual audit cycle, unless the audit committee specifically provides for a different period.

Services proposed to be provided by the Audit Firm that have not been pre-approved during the annual review and the fees for such proposed services must be pre-approved by the audit committee or its designated representative. Additionally, fees for previously approved services that are expected to exceed the previously approved budget must also be pre-approved by the audit committee or its designated representative.

All requests or applications for the Audit Firm to provide services to us must be submitted to the audit committee or its designated representative by the Audit Firm and the chief financial officer. It is our policy that if any of our employees or any representative of the Audit Firm becomes aware that any services are being, or have been, provided by the Audit Firm to us without the requisite pre-approval, such individual must immediately notify the chief financial officer, who must promptly notify the chair of the audit committee and appropriate members of senior management so that prompt action may be taken to the extent deemed necessary or advisable.

The audit committee may form and delegate to a subcommittee composed of one or more of its members, the authority to grant specific pre-approvals under its policy with respect to audit, review, attest and permitted non-audit services, provided that any such grant of pre-approval shall be reported to the full audit committee no later than its next scheduled meeting. The audit committee may not delegate to management its responsibilities to pre-approve services performed by the Audit Firm.

**The board of directors recommends that stockholders vote “FOR” ratification and approval of the appointment of PricewaterhouseCoopers LLP as our registered independent public accounting firm for the fiscal year ending December 31, 2017, and proxies executed and returned will be so voted unless contrary instructions are indicated thereon.**



**PROPOSAL NUMBER 3**  
**ADVISORY VOTE ON EXECUTIVE COMPENSATION**

As required by Section 14A of the Exchange Act, we are seeking advisory shareholder approval of the compensation of the executive officers named in the Summary Compensation Table of this proxy statement (the “Named Executive Officers”) as disclosed in the section of this proxy statement titled Compensation Discussion and Analysis commencing on page 14 of this proxy statement.

**The Board of Directors recommends voting “For” approval of the following advisory resolution.**

*Resolved, that the shareholders of the Company advise that they APPROVE the compensation of the Company’s Named Executive Officers, as disclosed in this proxy statement pursuant to the compensation disclosure rules of the Securities and Exchange Commission (which disclosure shall include the Compensation Discussion and Analysis, the compensation tables, and narrative discussion).*

As described in the Compensation Discussion and Analysis commencing on page 14 of this proxy statement, the Compensation Committee of the board has structured our executive compensation program to provide an overall compensation package, including cash compensation and equity awards, which enable the Company to attract and retain key employees and motivate employees, officers and directors for exceptional performance.

Shareholders are encouraged to read the Compensation Discussion and Analysis section of this proxy statement, which discusses in detail how our compensation policies and procedures implement our compensation philosophy. The vote on the above resolution is not intended to address any specific element of compensation; rather, it relates to overall compensation of our Named Executive Officers, as disclosed in this proxy statement in accordance with the compensation disclosure rules of the SEC.

This vote is advisory and non-binding on the board and the Compensation and Option Committee and will not require the board or the Compensation and Option Committee to take any particular action. The outcome of the vote will not be construed as overruling any decision of the board or creating or implying any additional fiduciary duty of the board. However, the board and the Compensation and Option Committee will review the voting results in connection with their ongoing evaluation of the Company’s executive compensation program. Broker non-votes will not be counted in evaluating the results of the vote.



## PROPOSALS OF STOCKHOLDERS

Proposals of stockholders to be presented at the annual meeting of stockholders to be held in 2018 must be received at the office of our Secretary no later than April 17, 2018 in order to be included in our proxy statement and form of proxy relating to that meeting.

Pursuant to our bylaws, a stockholder that intends to present business at the 2018 annual meeting, but does not wish to have the proposal in our proxy statement, must submit such proposal not less than 50 days nor more than 75 days prior to the 2018 annual meeting. Assuming the 2018 annual meeting is held on the anniversary of this annual meeting, the proposal would need to be submitted no earlier than June 29, 2018 and no later than July 24, 2018. If such notice is received during the applicable period, then the notice will be considered untimely, and we will not be required to present such business at the 2018 annual meeting.

All proposals must comply with applicable SEC regulations and our Restated Bylaws as amended from time to time.

## FINANCIAL INFORMATION

**Our Annual Report on Form 10-K for the fiscal year ended December 31, 2016 is being furnished with this proxy statement to stockholders of record on the record date. The Form 10-K does not constitute a part of this proxy statement or the proxy solicitation material.**

By Order of the Board of Directors

/s/ Katherine A. Anderson

Katherine A. Anderson  
*Secretary*

August 15, 2017  
The Woodlands, Texas

**PROXY – REPROS THERAPEUTICS INC.  
THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS**

The undersigned hereby appoints Larry Dillaha, M.D. and Katherine A. Anderson, or their designees, as proxies to represent the undersigned at the Annual Meeting of Stockholders to be held on September 13, 2017, at 1:00 p.m., Eastern Time, at the offices of Morgan, Lewis & Bockius LLP, 101 Park Avenue, New York, New York 10178, and any adjournments thereof, and to vote the shares of stock the undersigned would be entitled to vote if personally present, as indicated below.

This proxy when signed and returned will be voted as directed, or if no direction is made, the proxy will be voted **FOR** the election of the nominees for director, **FOR** the ratification and approval of PricewaterhouseCoopers LLP as the Company's registered independent public accounting firm and **FOR** the advisory resolution that approves the Company's executive compensation.

**Please vote, sign, date and return this proxy card promptly using the enclosed envelope.**

(Continued and to be voted on reverse side.)

**REPROS THERAPEUTICS INC.**

“ Mark this box with an X if you have made changes to your name or address details above.

**ANNUAL MEETING PROXY CARD**

**A. ELECTION OF DIRECTORS**

1. The Board of Directors recommends a vote **FOR** the listed nominees:

FOR WITHHOLD

|                                     |   |   |
|-------------------------------------|---|---|
| 01 – Larry M. Dillaha, M.D.         | o | o |
| 02 – Daniel F. Cain                 | o | o |
| 03 – Patrick P. Fourteau            | o | o |
| 04 – Nola Masterson, M.S.           | o | o |
| 05 – Saira Ramasastry               | o | o |
| 06 – Michael G. Wyllie, Ph.D., DSC. | o | o |

B. PROPOSALS

The Board of Directors recommends a vote **FOR** the following proposals:

2. To ratify and approve the appointment of PricewaterhouseCoopers LLP as our registered independent public accounting firm for our fiscal year ending December 31, 2017.

FOR AGAINST ABSTAIN

3. To approve, on an advisory basis, the compensation of the Company's named executive officers.

FOR AGAINST ABSTAIN

C. AUTHORIZED SIGNATURES — SIGN HERE — THIS SECTION MUST BE COMPLETED FOR YOUR INSTRUCTIONS TO BE EXECUTED.

NOTE: Please sign your name(s) EXACTLY as your name(s) appear(s) on this proxy. All joint holders must sign. When signing as attorney, trustee, executor, administrator, guardian or corporate officer, please provide your FULL title.

Signature 1 — Please keep signature within the box Signature 2 — Please keep signature within the box

Date (mm/dd/yyyy)