

REPROS THERAPEUTICS INC.

FORM 10-K/A (Amended Annual Report)

Filed 04/28/17 for the Period Ending 12/31/16

Address	2408 TIMBERLOCH PL SUITE B-7 WOODLANDS, TX 77380
Telephone	2817193400
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Industry	Biotechnology & Medical Research
Sector	Healthcare
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K/A

(Amendment No. 1)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2016

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from to

Commission File No. 001-15281

Repros Therapeutics Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

76-0233274

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

2408 Timberloch Place, Suite B-7
The Woodlands, Texas
(Address of principal executive offices)

77380
(Zip Code)

(281) 719-3400

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class
Common Stock, \$.001 par value

**Name of Each
Exchange on Which Registered**
The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is a well-known seasoned issuer (as defined in Rule 405 of the Securities Act). Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Securities Act.

Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Large accelerated filer

Non-accelerated filer (Do not check if smaller reporting company)

Accelerated filer

Smaller reporting company Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The aggregate market value of the common stock held by non-affiliates of the registrant was approximately \$38,920,918 as of June 30, 2016, the last business day of the registrant's most recently completed second fiscal quarter, based on the closing sales price of the registrant's common stock on the Nasdaq Capital Market on

such date of \$1.61 per share. For purposes of the preceding sentence only, all directors, executive officers and beneficial owners of ten percent or more of the shares of the registrant's common stock are assumed to be affiliates.

As of April 24, 2017, there were 26,716,519 shares of the registrant's common stock outstanding.

Documents incorporated by reference : None in this Amendment No. 1.

REPROS THERAPEUTICS INC
2016 FORM 10-K/A ANNUAL REPORT

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This Annual Report on Form 10-K contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. The words "may," "anticipate," "believe," "expect," "estimate," "project," "suggest," "intend" and similar expressions are intended to identify forward-looking statements. Such statements reflect our current views with respect to future events and financial performance and are subject to certain risks, uncertainties and assumptions, including those discussed in "Item 1A. Risk Factors." Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those anticipated, believed, expected, estimated, projected, suggested or intended.

EXPLANATORY NOTE

We are filing this amendment to our Annual Report on Form 10-K, originally filed with the Securities and Exchange Commission on March 31, 2017, solely for the purpose of amending and supplementing Part III of the Annual Report on Form 10-K. This amendment changes our Annual Report only by including the information required by Part III (Items 10, 11, 12, 13 and 14) of Form 10-K. In addition, we are also including Exhibits 31.1 and 31.2 as required by the filing of this amendment.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Directors

The names of the Company's directors and certain additional information with respect to each of them are set forth below.

<u>Name</u>	<u>Age</u>	<u>Position with the Company</u>	<u>Year First Became Director</u>
Larry Dillaha, M.D.	53	President, Chief Executive Officer and Director	2017
Daniel F. Cain	71	Director	2004
Patrick Fourteau	69	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.

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.

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 became chair of the board in 2009. 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.

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 (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 .

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.

Executive Officers

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

Name	Age	Position
Larry Dillaha, M.D.	53	President, Chief Executive Officer and Director
Katherine A. Anderson, C.P.A.	59	Chief Financial Officer and Secretary
Jaye Thompson, Ph.D.	51	Senior Vice President of Clinical and Regulatory
Joachim F. Wernicke, Ph.D, M.D.	69	Chief Medical Officer

Information pertaining to Dr. Dillaha may be found above under “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 biotechnology industry. Ms. Anderson earned a B.S. degree in accounting from The University of Houston.

Jaye Thompson, Ph.D . Dr. Thompson joined us in 2013 as the Senior Vice President of Clinical and Regulatory after serving as a member of our board of directors since 2009. Ms. Thompson has more than 20 years of experience in the clinical research industry and prior to joining us served as the Senior Vice President of Clinical Development and Regulatory Affairs with Opexa Therapeutics, Inc. Prior to joining Opexa, she was the Senior Vice President for Regulatory Affairs and Emerging Biotechnologies at inVentiv Clinical Solutions, LLC, a wholly-owned subsidiary of inVentiv Health, a full-serve contract research organization. Prior to its acquisition by inVentiv in 2006, Dr. Thompson was President and Founder of SYNERGOS, Inc., a leading contract research organization based in The Woodlands, Texas. Under her leadership, SYNERGOS (founded in 1991) grew and gained a reputation as one of the foremost clinical research organizations in the region. She started her career as a Biostatistician and Project Leader for Applied Logic Associates. Dr. Thompson holds a Bachelor’s degree in Applied Mathematics from Texas A&M University and an M.S. and a Ph.D. in Biostatistics from The University of Texas Health Science Center in Houston. She serves on the Gulf Coast Regional Center of Innovation and Commercialization Executive Board, the MD Anderson Technology Review Committee and the BioHouston Associate Advisory Board.

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, 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.reprosrx.com. The current members of the committees are identified in the following table:

Director	Audit	Compensation and Option	Nominating and Corporate Governance
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 in 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). 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 15th 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. 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.

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.

ITEM 11. EXECUTIVE COMPENSATION

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 three years, our success has been dependent upon two key factors:

- the successful 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 (during 2016, Joseph S. Podolski), 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, Dr. Jaye Thompson 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 paramount. 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 as a primary component of 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 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 set forth below reflects 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 Item 11, 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.

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.

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

- 1) Includes (i) \$21,160, \$10,121 and \$583 paid for health benefits on behalf of Mr. Podolski, Ms. Anderson and Dr. 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.

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 our two 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 63% of the total compensation paid to the named executive officers for 2016.

Name and Principal Position	Year	Salary	Bonus	Stock Awards	Option Awards (1)	Non-Equity Incentive Plan Compensation	Change in Pension Value and Nonqualified Deferred Compensation Earnings	All Other Compensation	Total
Joseph S. Podolski President & 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. Anderson CFO and Secretary	2016	\$ 325,000	—	—	—	—	—	\$ 19,871(6)	\$ 344,871
	2015	\$ 325,000	\$ 48,750	—	\$ 205,500	—	—	\$ 18,750(7)	\$ 598,000
	2014	\$ 325,000	—	—	\$ 83,900	—	—	\$ 19,229(8)	\$ 428,129
Jaye Thompson, Ph.D. VP, Clin. & Reg.	2016	\$ 250,000	—	—	\$ 15,000	—	—	\$ 8,083(9)	\$ 273,083
	2015	\$ 250,000	\$ 37,500	—	—	—	—	\$ 7,818(10)	\$ 295,318
	2014	\$ 250,000	—	—	—	—	—	\$ 6,276(11)	\$ 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 2 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) 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.

10) 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.

11) 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. of 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, 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 Chief Financial Officer 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. VP, Clinical & Regulatory	10,000	—	—	\$ 2.80	11/12/19
	1,250	—	—	\$ 2.80	05/17/20
	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	07/15/26

(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 quarterly 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's employment agreement expires in March 2018, with automatic annual renewals unless otherwise terminated. If terminated for reasons other than cause or if Dr. Thompson resigns for good reason (both defined in the agreement), Dr. Thompson is entitled to severance payments equal to six (6) months of her base salary in the aggregate and certain employment benefits.

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 Form 10-K/A for filing with the SEC.

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

Nola E. Masterson, Chair
Daniel F. Cain
Saira Ramasastry

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.

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

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.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

Security Ownership of Certain Beneficial Owners and Management

The following table presents certain information regarding the beneficial ownership of our common stock as of April 24, 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	Amount and Nature of Beneficial Ownership of Common Stock ⁽¹⁾	Percentage of Class ⁽²⁾
Katherine A. Anderson, C.P.A.	288,875(3)	1.1%
Daniel F. Cain	116,281(4)	*
Patrick Fourteau	75,697(5)	*
Nola E. Masterson	107,031(6)	*
Joseph S. Podolski	870,613(7)	3.2%
Saira Ramasastry	84,031(8)	*
Jaye Thompson, Ph.D.	161,250(9)	*
Michael G. Wyllie, Ph.D., DSC	105,058(11)	*
All directors and executive officers as a group (8 persons)	1,925,502(3)-(11)	6.8%
FMR, LLC	1,673,644(12)	6.3%

* 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.
- (2) In accordance with the rules of the Securities and Exchange Commission, or SEC, each beneficial owner’s percentage ownership assumes the exercise of all options held by such person that are exercisable within 60 days after April 24, 2017.
- (3) Includes 235,000 shares of common stock issuable upon exercise of options.
- (4) Includes 100,837 shares of common stock issuable upon exercise of options.
- (5) Includes 71,253 shares of common stock issuable upon exercise of options.
- (6) Includes 102,587 shares of common stock issuable upon exercise of options.
- (7) Includes (i) 75 shares of common stock which are held by certain of Mr. Podolski’s family members and (ii) 763,191 shares of common stock issuable upon exercise of options. Mr. Podolski disclaims beneficial ownership of the shares owned by his family members.
- (8) Includes 79,587 shares of common stock issuable upon exercise of options.
- (9) Includes 161,250 shares of common stock issuable upon exercise of options.
- (10) Includes 106,666 shares of common stock issuable upon exercise of options.
- (11) Includes 91,255 shares of common stock issuable upon exercise of options.
- (12) Based on a Schedule 13G/A dated February 14, 2017 filed with the SEC, FMR LLC, a parent holding corporation (“FMR”) may be deemed to be the beneficial owner of these shares, of which 1,426,348 are owned by the Select Biotechnology Portfolio, an investment company advised by Fidelity Management & Research Company (“FMR Co.”), a wholly owned subsidiary of FMR and a registered investment advisor. Edward C. Johnson 3d and Abigail P. Johnson are the predominant owners of FMR. The address of each of these reporting persons is 245 Summer Street, Boston, Massachusetts 02210.

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:

Plan category	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 ⁽¹⁾	2,792,357	\$ 8.21	549,135 ⁽²⁾
Equity compensation plans not approved by shareholders	—	—	—
Total	2,792,357	\$ 8.21	549,135

(1) Consists of shares of common stock reserved for issuance under our 2011 Equity Incentive Plan and the following 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.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

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.

Director Independence

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, and three of our current directors on the Board at that time attended our 2016 meeting of stockholders.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

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.

PART II

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) Documents Filed as a Part of this Form 10-K.

All financial statement schedules are omitted because they are not applicable, not required, or because the required information is included in the financial statements or the notes thereto.

(b) Exhibits.

Exhibits to the Form 10-K have been included only with the copies of the Form 10-K filed with the SEC. Upon request to the Company and payment of a reasonable fee, copies of the individual exhibits will be furnished.

Exhibit Number	Identification Of Exhibit
3.1(a)	Restated Certificate of Incorporation. Exhibit 3.3 to the Company's Registration Statement on Form SB-2 (No. 33-57728-FW), as amended (the "Registration Statement"), is incorporated herein by reference.
3.1(b)	Certificate of Amendment to the Company's Restated Certificate of Incorporation, dated as of May 2, 2006. Exhibit 3.1 to the Company's Current Report on Form 8-K as filed with the Commission on May 2, 2006 is incorporated herein by reference.
3.1(d)	Certificate of Amendment to Restated Certificate of Incorporation, dated as of December 16, 2008. Exhibit 3.1(d) to the Company's Current Report on Form 8-K as filed with the Commission on December 23, 2008 is incorporated herein by reference.
3.1(e)	Certificate of Amendment to Restated Certificate of Incorporation, dated as of November 18, 2009. Exhibit 3.1(e) to the Company's Current Report on Form 8-K dated November 19, 2009 is incorporated herein by reference.
3.1(f)	Certificate of Amendment to Restated Certificate of Incorporation, dated October 14, 2010. Exhibit 3.1(f) to the Company's Current Report on Form 8-K dated October 14, 2010 is incorporated herein by reference.
3.2	Restated Bylaws of the Company. Exhibit 3.4 to the Registration Statement is incorporated herein by reference.
4.1	Specimen Certificate of Common Stock, \$.001 par value, of the Company. Exhibit 4.1 to the Registration Statement is incorporated herein by reference.
10.1+	1994 Employee and Consultant Stock Option Plan. Exhibit 4.2 to the Company's Registration Statement on Form S-8 (File No. 033-83406) as filed with the Commission on August 29, 1994 is incorporated herein by reference.
10.2+	2000 Non-Employee Directors' Stock Option Plan. Appendix B to the Company's Definitive Proxy Statement filed on April 26, 2000 is incorporated herein by reference.
10.3+	First Amendment to the Repros Therapeutics Inc. 2000 Non-Employee Directors' Stock Option Plan. Exhibit 10.21 to the 2000 Form 10-K is incorporated herein by reference.
10.4+	Second Amendment to 2000 Non-Employee Directors' Stock Option Plan. Exhibit 10.6 to the Company's Annual Report on Form 10-K for the year ended December 31, 2002 (the "2002 Form 10-K") is incorporated herein by reference.
10.5+	Repros Therapeutics Inc. 2004 Stock Option Plan. Exhibit 10.17 to the Company's Registration Statement on Form S-1 (No. 333-119861), as amended, is incorporated herein by reference.
10.6+	Employment Agreement, dated June 16, 2014, between the Company and Joseph S. Podolski. Exhibit 99.1 to the Company's Current Report on Form 8-K as filed with the Commission on June 20, 2014.
10.7	Lease Agreement dated May 11, 2004 between the Company and Sealy Woodlands, L.P. Exhibit 10.14 to the Company's Annual Report on Form 10-K for the year ended December 31, 2004 is incorporated herein by reference.
10.8	Amendment to Lease Agreement between the Company and Sealy Woodlands, L.P., dated May 17, 2006. Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2006 is incorporated herein by reference.
10.9	Second Amendment to Lease, effective as of July 1, 2010, between the Company and Columbia Texas 2408 Timberloch Industrial, L.P. Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2010 is incorporated herein by reference.

- 10.10++ Letter Agreement dated July 15, 2002 between the Company, Schering Plough Ltd. and Schering-Plough Corporation. Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2002 is incorporated herein by reference.
- 10.11++ PHS Patent License Agreement dated April 16, 1999 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services, with amendments. Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2003 is incorporated herein by reference.
- 10.12 Waiver to PHS Patent License Agreement, as amended, dated March 8, 2007 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services. Exhibit 10.2 to the Company's Current Report on Form 8-K as filed with the Commission on March 19, 2007 is incorporated herein by reference.
- 10.13++ Sixth Amendment to PHS Patent License Agreement, as amended, dated July 7, 2009 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services. Exhibit 10.1 to the Company's Current Report on Form 8-K/A as filed with the Commission on December 22, 2009 is incorporated herein by reference.
- 10.14++ Seventh Amendment to PHS Patent License Agreement, as amended, dated October 28, 2009 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services. Exhibit 10.21 to the Company's Annual Report on Form 10-K as filed with the Commission on March 15, 2010 is incorporated herein by reference.
- 10.15 Form of Indemnification Agreement entered into between the Company and each of its directors. Exhibit 10.1 to the Company's Current Report on Form 8-K as filed with the Commission on May 20, 2009 is incorporated herein by reference.
- 10.16+ Employment Agreement dated August 1, 2011 by and between the Company and Katherine A. Anderson. Exhibit 10.1 to the Company's Current Report on Form 8-K as filed with the Commission on August 4, 2011 is incorporated herein by reference.
- 10.17+ 2011 Equity Incentive Plan (Exhibit 4.1 to the Company's Registration Statement on Form S-8 (No. 333-200370) as filed with the Commission on November 19, 2014 is incorporated herein by reference.
- 10.18+ Offer Letter dated February 5, 2013, by and between the Company and Joachim F. Wernicke, Ph.D., M.D. Exhibit 10.1 to the Company's Current Report on Form 8-K as filed with the Commission on February 8, 2013 is incorporated herein by reference.
- 10.19+ Employment Agreement dated March 25, 2013 (but effective March 26, 2013), by and between the Company and Jaye Thompson, Ph.D. Exhibit 10.1 to the Company's Current Report on Form 8-K as filed with the Commission on April 1, 2013 is incorporated herein by reference.
- 10.20 Eighth Amendment to PHS License Agreement, as amended, dated April 20, 2010 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services. Exhibit 10.1 to the Company's Current Report on Form 8-K as filed with the Commission on June 17, 2013 is incorporated herein by reference.
- 10.21 Ninth Amendment to PHS License Agreement, as amended, dated June 14, 2013 between the Company and certain agencies of the United States Public Health Service within the Department of Health and Human Services. Exhibit 10.2 to the Company's Current Report on Form 8-K as filed with the Commission on June 17, 2013 is incorporated herein by reference.
- 10.22 Third Amendment to Lease Agreement, dated as of April 23, 2015, between the Company and Columbia Texas 2408 Timberloch Industrial, L.P. Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2015 is incorporated herein by reference.
- 31.1* Certification Pursuant to Rule 13(a)-14(a) or 15(d)-14(a) of the Exchange Act, As Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Principal Executive Officer)
- 31.2* Certification Pursuant to Rule 13(a)-14(a) or 15(d)-14(a) of the Exchange Act, As Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Principal Financial Officer)

* Filed herewith.

+ Management contract or compensatory plan.

++ Portions of this exhibit have been omitted based on a request for confidential treatment pursuant to Rule 24b-2 of the Exchange Act. Such omitted portions have been filed separately with the Commission.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

REPROS THERAPEUTICS INC.

Dated: April 28, 2017

By: /s/ Larry Dillaha, M.D.
Larry Dillaha, M.D.
President and Chief Executive Officer

Dated: April 28, 2017

By: /s/ Katherine A. Anderson
Katherine A. Anderson
Chief Financial Officer

I, Larry Dillaha, M.D., certify that:

1. I have reviewed this Annual Report on Form 10-K/A of Repros Therapeutics Inc.; and
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Dated: April 28, 2017

By: /s/ Larry Dillaha, M.D.
Larry Dillaha, M.D.
President and Chief Executive Officer
Repros Therapeutics Inc.
(Principal Executive Officer)

I, Katherine A. Anderson, certify that:

1. I have reviewed this Annual Report on Form 10-K/A of Repros Therapeutics Inc.; and
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Dated: April 28, 2017

By: /s/ Katherine A. Anderson
Katherine A. Anderson
Chief Financial Officer
Repros Therapeutics Inc.
(Principal Financial Officer)
