

MIRAGEN THERAPEUTICS, INC.  
Form 10-K/A  
April 20, 2018

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**FORM 10-K/A**  
**(Amendment No. 1)**

**(Mark One)**

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT  
OF 1934**

**For the fiscal year ended December 31, 2017**

**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. 001-36483**

**MIRAGEN THERAPEUTICS, INC.**

**(Exact name of registrant as specified in its charter)**

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**47-1187261**  
(I.R.S. Employer  
Identification No.)

**6200 Lookout Road, Boulder, CO**  
(Address of principal executive offices)

**80301**  
(Zip Code)

**Registrant's telephone number, including area code: (720) 643-5200**

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

<b>Title of each class</b>	<b>Name of each exchange on which registered</b>
<b>Common Stock, \$0.01 par value</b>	<b>The Nasdaq Capital Market</b>

**Securities registered pursuant to Section 12(g) of the Act: None**

Indicate by check mark if 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 Exchange 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 Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) 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, a smaller reporting company, or an emerging growth company. See the definitions of large accelerated filer, accelerated filer, smaller reporting company, and emerging growth company in Rule 12b-2 of the Exchange Act.

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Large accelerated filer

Accelerated filer

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

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 shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

The aggregate market value of the voting stock held by non-affiliates of the registrant, based upon the closing sale price of the registrant's Common Stock on June 30, 2017 as reported on The Nasdaq Capital Market, was \$122.4 million. Shares of Common Stock held by each executive officer and director and by each person who owns 10% or more of the outstanding Common Stock have been excluded in that such persons may be deemed to be affiliates. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

As of April 18, 2018, there were 30,192,373 shares of the registrant's Common Stock outstanding.

### **EXPLANATORY NOTE**

This Amendment No. 1 on Form 10-K/A, or Amendment No. 1, amends the Annual Report on Form 10-K, or the Annual Report, of Miragen Therapeutics, Inc., or the Company, for the year ended December 31, 2017, as filed by the Company on March 15, 2018. This Amendment No. 1 hereby amends Part III, Item 11 of the Annual Report solely to add the information regarding director compensation included below. In addition, we are also including Exhibits 31.1, 31.2 and 32.1 required by the filing of this Amendment No. 1.

Except as otherwise stated herein, no other information contained in the Annual Report has been updated by this Amendment No. 1, and the Company has not updated the disclosures contained therein to reflect any events that occurred subsequent to the date of the Annual Report. Accordingly, this Amendment No. 1 should be read in conjunction with the Annual Report and the Company's filings made with the U.S. Securities and Exchange Commission subsequent to the filing of the Annual Report. The filing of this Amendment No. 1 is not an admission that the Annual Report, when originally filed, included any untrue statement of a material fact or omitted to state a material fact necessary to make a statement not misleading. Unless context requires otherwise, references in this Amendment No. 1 to Miragen, the Company, we, us and our refer to Miragen Therapeutics, Inc.

## PART III

## ITEM 11. EXECUTIVE COMPENSATION

## 2017 Director Compensation

The table below sets forth the compensation of our non-employee directors for the fiscal year ended December 31, 2017.

Name <sup>(1)</sup>	Fees Earned or Paid in		Option	Total
	Cash	Stock	Awards <sup>(2)</sup>	
	(\$)	Awards <sup>(2)</sup>	Awards <sup>(2)</sup>	(\$)
Bruce L. Booth, Ph.D.	9,014		163,518 <sup>(3)(4)</sup>	172,532
Christopher J. Bowden, M.D.	15,781		190,001 <sup>(5)</sup>	205,782
Jeffrey S. Hatfield	16,767		190,001 <sup>(5)</sup>	206,768
Thomas E. Hughes, Ph.D.	27,587	9,180 <sup>(6)</sup>	115,325 <sup>(4)(7)</sup>	152,093
Kevin Koch, Ph.D.	44,849		105,168 <sup>(4)</sup>	150,017
Joseph L. Turner	44,110		321,046 <sup>(4)(8)</sup>	365,156
Kyle A. Lefkoff <sup>(9)</sup>	20,842			20,842
John W. Creecy <sup>(10)</sup>	20,842			20,842
Bennett S. LeBow <sup>(11)</sup>	17,500			17,500
David A. Gonyer <sup>(12)</sup>	33,750			33,750
Douglas A. Schuling <sup>(13)</sup>	36,250			36,250
Robin L. Smith, M.D. <sup>(14)</sup>	35,000			35,000

- (1) Each of Dr. Marshall, our current president and chief executive officer, and Mr. Riccitelli, our prior president and chief executive officer, also served as a member of our board of directors in the fiscal year ended December 31, 2017. Each of Dr. Marshall's and Mr. Riccitelli's compensation for serving as our president and chief executive officer in 2017 is reported in the Summary Compensation Table and other compensation tables set forth under *Executive Compensation*. Each of Dr. Marshall and Mr. Riccitelli did not receive any additional compensation for his service on our board of directors.
- (2) The values set forth in this column are based on the aggregate grant date fair value of the awards computed in accordance with FASB ASC Topic 718.
- (3) On March 24, 2017, this non-employee director was granted stock options to purchase 6,727 shares of common stock at an exercise price of \$12.00, which was equal to the closing price of our common stock on The Nasdaq Capital Market on the date of grant. The stock options vested in three quarterly installments beginning on April 1, 2017.
- (4) On June 28, 2017, these non-employee directors were each granted stock options to purchase 12,000 shares of common stock at an exercise price of \$12.06, which was equal to the closing price of our common stock on The Nasdaq Capital Market on the date of grant. The stock options vest in full on June 30, 2018.
- (5) On August 10, 2017, these non-employee directors were each granted stock options to purchase 24,000 shares of common stock at an exercise price of \$11.12, which was equal to the closing price of our common stock on The Nasdaq Capital Market on the date of grant. The stock options vest in 36 monthly installments beginning on August 10, 2017.
- (6)

On March 24, 2017, this non-employee director was granted a restricted stock award of 765 shares of common stock with a zero exercise price. The common stock shares vested in three quarterly installments beginning on April 1, 2017.

- (7) On March 24, 2017, this non-employee director was granted stock options to purchase 1,171 shares of common stock at an exercise price of \$12.00, which was equal to the closing price of our common stock on The Nasdaq Capital Market on the date of grant. The stock options vested in three quarterly installments beginning on April 1, 2017.
- (8) On February 13, 2017, this non-employee director was granted stock options to purchase of 24,000 shares of common stock at an exercise price of \$12.30, which was equal to the closing price of our

common stock on The Nasdaq Capital Market on the date of grant. The stock options vest in 36 monthly installments beginning on February 13, 2017.

- (9) Mr. Lefkoff resigned from our board of directors on August 10, 2017.
  - (10) Mr. Creecy resigned from our board of directors on August 10, 2017.
  - (11) Mr. LeBow resigned from our board of directors on February 13, 2017 in connection with the Mergers.
  - (12) Mr. Gonyer resigned from our board of directors on February 13, 2017 in connection with the Mergers.
  - (13) Mr. Schuling resigned from our board of directors on February 13, 2017 in connection with the Mergers.
  - (14) Dr. Smith resigned from our board of directors on February 13, 2017 in connection with the Mergers.
- Arlene Morris is not included in the table above, because she did not become a member of our board of directors until January 2018.

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**PART IV**
**ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES**

<b>Exhibit</b>		<b>Incorporated by Reference</b>			<b>Filed</b>
<b>Number</b>	<b>Description of Exhibit</b>	<b>Form</b>	<b>Filing Date</b>	<b>Number</b>	<b>Herewith</b>
31.1	<u>Certification of Principal Executive Officer pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities and Exchange Act, as amended.</u>	10-K/A	04/20/2018	31.1	
31.2	<u>Certification of Principal Financial Officer pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities and Exchange Act, as amended.</u>	10-K/A	04/20/2018	31.2	
32.1**	<u>Certification of Principal Executive Officer and Principal Financial Officer pursuant to 18 U.S.C. 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.</u>	10-K/A	04/20/2018	32.1	

\*\* This certification is being furnished pursuant to 18 U.S.C. Section 1350, and is not being filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Registrant, whether made before or after the date hereof.

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**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this Amendment No. 1 to the Annual Report to be signed on its behalf by the undersigned, thereunto duly authorized.

**MIRAGEN THERAPEUTICS, INC.**

Date: April 20, 2018

By: /s/ William S. Marshall  
 William S. Marshall, Ph.D.  
 Chief Executive Officer  
 (Principal Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this Amendment No. 1 to the Annual Report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signature	Title	Date
/s/ William S. Marshall <b>William S. Marshall, Ph.D.</b>	Chief Executive Officer and Director (Principal Executive Officer)	April 20, 2018
/s/ Jason A. Leverone <b>Jason A. Leverone</b>	Chief Financial Officer, Treasurer and Secretary (Principal Financial Officer; Principal Accounting Officer)	April 20, 2018
*	Chairman of the Board	April 20, 2018
<b>Bruce L. Booth, Ph.D.</b>		
*	Director	April 20, 2018
<b>Christopher Bowden, M.D.</b>		
*	Director	April 20, 2018
<b>Jeffrey S. Hatfield</b>		
*	Director	April 20, 2018
<b>Thomas E. Hughes, Ph.D.</b>		
*	Director	April 20, 2018
<b>Kevin Koch, Ph.D.</b>		
*	Director	April 20, 2018

\* Director

April 20, 2018

**Joseph L. Turner**

\* Director

April 20, 2018

**Arlene M. Morris**

\*By: /s/ William S. Marshall  
William S. Marshall, Ph.D.

*Attorney-in-Fact*