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

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**FORM 8-K**

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**CURRENT REPORT**  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

**Date of Report (Date of earliest event reported): September 1, 2016**

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**MEI Pharma, Inc.**  
(Exact name of registrant as specified in its charter)

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

**000-50484**  
(Commission  
File Number)

**51-0407811**  
(I.R.S. Employer  
Identification No.)

**11975 El Camino Real, Suite 101, San Diego, California 92130**  
(Address of principal executive offices) (Zip Code)

**Registrant's telephone number, including area code: (858) 792-6300**

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

(b) On September 1, 2016, Leah Rush Cann, a member of the Board of Directors (the “Board”) of MEI Pharma, Inc. (the “Company”) resigned from the Board, effective immediately. The resignation follows her appointment as Managing Director and Senior Biotechnology Analyst at Oppenheimer & Co. Inc., a registered broker-dealer and investment advisory firm.

The decision of Ms. Cann to resign is not the result of any disagreement with the Company on any matter relating to its operations, policies or practices. Following such resignation, the Board has decided to reduce its size to seven directors.

**Signatures**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MEI PHARMA, INC.

By: /s/ Daniel P. Gold  
Daniel P. Gold  
Chief Executive Officer

Dated: September 2, 2016