UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(D) of the Securities Exchange Act of 1934

September 2, 2016 Date of report (Date of earliest event reported)

Axsome Therapeutics, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) **001-37635** (Commission File Number) 45-4241907 (IRS Employer Identification No.)

25 Broadway, 9th Floor New York, New York (Address of principal executive offices)

10004 (Zip Code)

Registrant's telephone number, including area code (212) 332-3241

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

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))

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On September 2, 2016, Axsome Therapeutics, Inc. (the "<u>Company</u>") announced that Randall Kaye, M.D. is transitioning from his role as Chief Medical Officer of the Company to Senior Clinical Advisor, effective as of September 1, 2016 (the "<u>Effective Date</u>"). As a result of this transition and as of the Effective Date, Dr. Kaye will act as a consultant to the Company but will no longer be an executive officer of the Company as specified under Section 16 of the Securities Exchange Act of 1934, as amended.

Item 8.01 Other Events

On September 2, 2016, the Company issued a press release announcing that Randall Kaye, M.D. was transitioning from his role as Chief Medical Officer of the Company to Senior Clinical Advisor, effective as of September 1, 2016. The full text of the press release is filed as Exhibit 99.1 hereto and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

 Number
 Description

 99.1
 Press release, dated September 2, 2016

 2

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.

Axsome Therapeutics, Inc.

Dated: September 2, 2016

By:/s/ Herriot Tabuteau, M.D.Name:Herriot Tabuteau, M.D.Title:Chief Executive Officer



Axsome Therapeutics Announces Transition of Chief Medical Officer

NEW YORK, September 2, 2016 (Globe Newswire) — Axsome Therapeutics, Inc. (NASDAQ: AXSM), a clinical-stage biopharmaceutical company developing novel therapies for the management of central nervous system (CNS) disorders, announced today that Randall Kaye, M.D. is transitioning from his role as Chief Medical Officer (CMO) of the Company to Senior Clinical Advisor, effective September 1, 2016. This new role allows Dr. Kaye to continue to provide his expertise to Axsome while making time for his other medical interests.

"I would like to thank Dr. Kaye for his service to Axsome as CMO and look forward to his ongoing involvement as Senior Clinical Advisor," said Herriot Tabuteau, M.D., Chief Executive Officer of Axsome Therapeutics. "Dr. Kaye in his new role, coupled with recent key additions to Axsome's medical team, significantly broadens our capabilities and positions us well to continue to advance our late-stage pipeline."

"The transition from CMO to Senior Clinical Advisor permits me to continue to support Axsome's growing clinical team while re-engaging with my former consulting firm. Axsome is in a strong position, which gives me confidence that this is an appropriate time for this transition," said Dr. Kaye. "I am proud of the impressive progress we have made with now three Phase 3 trials underway in three indications with two product candidates. I am a firm believer in the science and clinical potential of Axsome's promising pipeline, and look forward to continuing to support its development."

About Axsome Therapeutics, Inc.

Axsome Therapeutics, Inc. is a clinical-stage biopharmaceutical company developing novel therapies for the management of central nervous system (CNS) disorders, including pain, for which there are limited existing treatment options. Axsome's product candidate portfolio includes two late-stage candidates, AXS-02 and AXS-05. AXS-02 is currently in Phase 3 trials in complex regional pain syndrome (CRPS) and knee osteoarthritis (OA) associated with bone marrow lesions (BMLs) with an additional Phase 3 trial planned in chronic low back pain (CLBP) associated with Modic changes (MCs). AXS-05 is currently in a Phase 3 trial in treatment resistant depression (TRD), and a Phase 2/3 trial in agitation in patients with Alzheimer's disease (AD) is planned. AXS-02 and AXS-05 are investigational product candidates not approved by the FDA. For more information, please visit the company website at www.axsome.com. The company may occasionally disseminate material, nonpublic information on the company website.

Forward Looking Statements

Certain matters discussed in this press release are "forward-looking statements". We may, in some cases, use terms such as "predicts," "believes," "potential," "continue," "estimates," "anticipates," "expects," "plans," "intends," "may," "could," "might," "will," "should" or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. In particular, the Company's statements regarding trends and potential future results are examples of such forward-looking statements. The forward-looking statements include risks and uncertainties, including, but not limited to, the success, timing and cost of our ongoing clinical trials and anticipated clinical trials for our current product candidates, including statements regarding the timing of initiation and completion of the trials; the timing of and our ability to obtain and maintain U.S. Food and Drug Administration or other regulatory authority approval of, or other action with respect to, our product candidates; the Company's ability to successfully defend its intellectual property or obtain the necessary licenses at a cost acceptable to the Company, if at all; the successful implementation of the Company's product candidates, if approved; and other factors, including general economic conditions and regulatory developments, not within the Company's control. The factors discussed herein could cause actual results and developments to be materially different from those expressed in or implied by such statements. The forward-looking statements are made only as of the date of this press release and the Company undertakes no obligation to publicly update such forward-looking statements to reflect subsequent events or circumstance.

1

Axsome Contact: Mark Jacobson Vice President, Operations Axsome Therapeutics, Inc. 25 Broadway, 9th Floor New York, NY 10004 Tel: 212-332-3243 Email: mjacobson@axsome.com www.axsome.com

Trout Group Contact: Marcy Beth Nanus Senior Vice President The Trout Group LLC Tel: 646-378-2927 Email: mnanus@troutgroup.com

2