### **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

February 20, 2020 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.)

200 Broadway, 3rd Floor New York, New York (Address of principal executive offices)

10038 (Zip Code)

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

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

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

| Title of each class: Common Stock, Par Value \$0.0001 Per Share   | Trading Symbol(s) AXSM               | Name of each exchange on which registered: The Nasdaq Global Market |  |  |
|---|--------------------------------------|---|--|--|
|   |                                      | -   |  |  |
| ne appropriate box below if the Form 8-K is wing provisions:  | s intended to simultaneously satisfy | the filing obligation of the registrant under any of                |  |  |
| 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 pu  | rsuant to Rule 13e-4(c) under the Ex | xchange Act (17 CFR 240.13e-4(c))                                   |  |  |
| by check mark whether the registrant is an  |                                      | ed in Rule 405 of the Securities Act of 1933                        |  |  |

(§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

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. 🗵

#### Item 8.01. Other Events.

On February 20, 2020, Axsome Therapeutics, Inc. (the "Company") issued a press release announcing the completion of patient enrollment in the Company's INTERCEPT Study, a Phase 3, randomized, double-blind, placebo-controlled trial evaluating the early treatment of migraine with AXS-07.

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.  |
|-----|------------|
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Exhibit No. Description

99.1 Press Release dated February 20, 2020.

#### **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: February 20, 2020

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

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## Axsome Therapeutics Completes Patient Enrollment in the INTERCEPT Phase 3 Trial of AXS-07 in the Early Treatment of Migraine

NEW YORK, February 20, 2020 (Globe Newswire) – Axsome Therapeutics, Inc. (NASDAQ: AXSM), a clinical-stage biopharmaceutical company developing novel therapies for the management of central nervous system (CNS) disorders, today announced the completion of patient enrollment in the INTERCEPT study, a Phase 3, randomized, double-blind, placebo-controlled trial evaluating the early treatment of migraine with AXS-07. AXS-07 (MoSEIC<sup>TM</sup> meloxicam/rizatriptan) is a novel, oral, investigational medicine with distinct dual mechanisms of action for the acute treatment of migraine. Axsome remains on track to report topline results from INTERCEPT in the first quarter of 2020.

#### **About the INTERCEPT Trial**

INTERCEPT (Initiating Early Control of Migraine Pain and Associated Symptoms) is a Phase 3, randomized, double-blind, multicenter, placebo-controlled trial evaluating the early treatment of migraine with AXS-07. Approximately 300 patients will be randomized in a 1:1 ratio to treatment with AXS-07 or placebo. Patients are to administer AXS-07 at the earliest sign of migraine pain. The two co-primary endpoints of the trial are the proportion of patients who are free from headache pain two hours after dosing, and the proportion of patients who no longer suffer from their most bothersome migraine-associated symptom (nausea, photophobia, or phonophobia) two hours after dosing.

#### **About Migraine**

Migraine is the leading cause of disability among neurological disorders in the United States according to the American Migraine Foundation. It is characterized by recurrent attacks of pulsating, often severe and disabling head pain associated with nausea, and sensitivity to light and or sound. Published surveys of migraine sufferers indicate that more than 70% are not fully satisfied with their current treatment, that nearly 80% would try a new therapy, and that they desire treatments that work faster, more consistently, and result in less symptom recurrence [1,2].

#### **About AXS-07**

AXS-07 is a novel, oral, rapidly absorbed, multi-mechanistic, investigational medicine under development for the acute treatment of migraine. AXS-07 consists of MoSEIC $^{\text{TM}}$  meloxicam and rizatriptan. Meloxicam is a new molecular entity for migraine enabled by Axsome's MoSEIC (Molecular Solubility Enhanced Inclusion Complex) technology, which results in rapid absorption of meloxicam while maintaining a long plasma half-life. Meloxicam is a COX-2 preferential non-steroidal anti-inflammatory drug and rizatriptan is a 5-HT $_{\text{1B/1D}}$  agonist. AXS-07 is designed to provide rapid, enhanced and consistent relief of migraine, with reduced symptom recurrence. AXS-07 is not approved by the FDA.

#### 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 for which there are limited treatment options. Axsome's core CNS product candidate portfolio includes five clinical-stage candidates, AXS-05, AXS-07, AXS-09, AXS-12, and AXS-14. AXS-05 is currently in a Phase 3 trial in treatment resistant depression (TRD), a Phase 2/3 trial in agitation associated with Alzheimer's disease (AD), and is being developed for major depressive disorder (MDD). AXS-05 is also being developed for smoking cessation treatment. AXS-07 is currently in a Phase 3 trial for the acute treatment of migraine. AXS-12 is being developed for the treatment of narcolepsy. AXS-14 is being developed for the treatment of fibromyalgia. AXS-05, AXS-07, AXS-09, AXS-12, and AXS-14 are investigational drug products not approved by the FDA. For more information, please visit the Company's website at axsome.com. The Company may occasionally disseminate material, nonpublic information on the company website.

#### References

- Smelt AF, Louter MA, Kies DA, Blom JW, Terwindt GM, van der Heijden GJ, De Gucht V, Ferrari MD, Assendelft WJ.
  What do patients consider to be the most important outcomes for effectiveness studies on migraine treatment? Results of
  a Delphi study. PLoS One. 2014 Jun 16;9(6):e98933.
- Lipton RB, Stewart WF. Acute migraine therapy: do doctors understand what patients with migraine want from therapy? Headache. 1999;39(suppl 2):S20-S26.

#### **Forward Looking Statements**

Certain matters discussed in this pressrelease 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, pace of enrollment and completion of the trials (including our ability to fully fund our disclosed clinical trials, which assumes no material changes to our currently projected expenses), futility analyses and receipt of interim results, which are not necessarily indicative of the final results of our ongoing clinical trials, and the number or type of studies or nature of results necessary to support the filing of a new drug application ("NDA") for any of our current product candidates; our ability to fund additional clinical trials to continue the advancement of our product candidates; the timing of and our ability to obtain and maintain U.S. Food and Drug Administration ("FDA") or other regulatory authority approval of, or other action with respect to, our product candidates (including, but not limited to, FDA's agreement with the Company's plan to discontinue the bupropion treatment arm of the ADVANCE-1 study in accordance with the independent data monitoring committee's recommendations); the potential for the MOMENTUM clinical trial to provide a basis for approval of AXS-07 for the acute treatment of migraine in adults with or without aura, pursuant to our special protocol assessment; the potential for the ASCEND clinical trial, combined with the GEMINI clinical trial results, to provide a basis for approval of AXS-05 for the treatment of major depressive disorder and accelerate its development timeline and commercial path to patients; 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 research and development programs and collaborations; the success of the Company's license agreements; the acceptance by the market of the Company's product candidates, if approved; the Company's anticipated capital requirements, including the Company's anticipated cash runway; 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.

#### **Axsome Contact:**

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