

**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**

Date of Report (Date of earliest event reported): July 5, 2022

AMYLYX PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-41199
(Commission
File Number)

46-4600503
(IRS Employer
Identification No.)

**43 Thorndike, St.,
Cambridge, MA**
(Address of principal executive offices)

02141
(Zip Code)

Registrant's telephone number, including area code: (617) 682-0917

Not Applicable
(Former name or former address, if changed since last report)

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:

- 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))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 par value per share	AMLX	Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined 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 July 5, 2022, Amylyx Pharmaceuticals, Inc. (the “Company”) issued a press release announcing that the U.S. Food and Drug Administration (the “FDA”) has informed the Company that it is planning to reconvene the Peripheral and Central Nervous System Drugs Advisory Committee (“PCNSDAC”) to discuss the New Drug Application (“NDA”) for AMX0035 (sodium phenylbutyrate and taurursodiol (also known as ursodoxicoltaurine)) for the treatment of amyotrophic lateral sclerosis (“ALS”) on Wednesday, September 7, 2022. PCNSDAC discussions will focus on the additional analyses of data from the Company’s clinical studies that were determined by the FDA to constitute a major amendment to the NDA. The Prescription Drug User Fee Act target action date for the AMX0035 NDA is September 29, 2022, which was extended from June 29, 2022 to allow more time for the FDA to review additional analyses of data from the Company’s clinical studies.

A copy of the press release, dated July 5, 2022, is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits**(d) Exhibits.**

Exhibit Number	Description
99.1	Press Release of the Company, dated July 5, 2022
104	Cover Page Interactive Data File (embedded with the Inline XBRL document).

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 thereunto duly authorized.

AMYLYX PHARMACEUTICALS, INC.

Date: July 5, 2022

By: /s/ James M. Frates

James M. Frates

Chief Financial Officer

**Amylyx Pharmaceuticals Announces FDA Plan to Reconvene Advisory Committee to Review AMX0035
NDA for the Treatment of ALS on September 7, 2022**

CAMBRIDGE, Mass. July 5, 2022 — Amylyx Pharmaceuticals, Inc. (Nasdaq: AMLX) (“Amylyx” or the “Company”) today announced that the U.S. Food and Drug Administration (FDA) has informed the Company that the Agency is planning to reconvene the Peripheral and Central Nervous System Drugs Advisory Committee (PCNSDAC) to discuss the New Drug Application (NDA) for AMX0035 (sodium phenylbutyrate [PB] and taurursodiol [TURSO; also known as ursodoxicoltaurine]) for the treatment of amyotrophic lateral sclerosis (ALS) on Wednesday, September 7, 2022. The FDA will formally announce the scheduling of the planned PCNSDAC meeting in the Federal Register. Discussions will focus on the additional analyses of data from the Company’s clinical studies that were determined by the FDA to constitute a major amendment to the NDA. The Prescription Drug User Fee Act (PDUFA) target action date for the AMX0035 NDA is September 29, 2022, which was extended from June 29, 2022 to allow more time for the FDA to review additional analyses of data from the Company’s clinical studies. The PCNSDAC previously met on March 30, 2022 to discuss the NDA for AMX0035 for the treatment of ALS.

“We remain engaged with the FDA to advance AMX0035 through the review process as efficiently as possible,” said Tammy Sarnelli, Global Head of Regulatory Affairs of Amylyx. “We are pleased that the members of the advisory panel will review additional analyses from our clinical studies, including recently published analyses, supporting the previously reported functional and overall survival benefit for AMX0035. As we have heard from the ALS community, there is a crucial need for new and effective treatments in ALS, and our team will continue to work around the clock to advance treatments for ALS in the U.S.”

About AMX0035

AMX0035 (sodium phenylbutyrate and taurursodiol) is an oral fixed-dose medication with marketing applications pending in the United States and European Union, and approved with conditions as ALBRIOZA™ to treat amyotrophic lateral sclerosis (ALS) in Canada. The combination of sodium phenylbutyrate and taurursodiol may reduce neuronal cell death, hypothesized to occur by simultaneously mitigating endoplasmic reticulum (ER) stress and mitochondrial dysfunction. AMX0035 is also being explored for the potential treatment of other neurodegenerative diseases.

About Amylyx Pharmaceuticals

Amylyx Pharmaceuticals, Inc. is committed to supporting and creating more moments for the neurodegenerative community through the discovery and development of innovative new treatments. Amylyx is headquartered in Cambridge, Massachusetts and has operations in Canada and EMEA. For more information, visit amylyx.com and follow us on LinkedIn and Twitter. For investors please visit investors.amylyx.com.

Forward-Looking Statements

Statements contained in this press release regarding matters that are not historical facts are “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. Because such statements are subject to risks and uncertainties, actual results may differ

materially from those expressed or implied by such forward-looking statements. Such statements include, but are not limited to, statements regarding the potential regulatory approval of AMX0035 and the Company's efforts to advance such potential approval and the potential of AMX0035 or other future therapeutic candidates as a treatment for ALS and other neurodegenerative diseases. Any forward-looking statements in this statement are based on management's current expectations of future events and are subject to a number of risks and uncertainties that could cause actual results to differ materially and adversely from those set forth in or implied by such forward-looking statements. Risks that contribute to the uncertain nature of the forward-looking statements include: the success, cost, and timing of Amylyx' program development activities, Amylyx' ability to execute on its strategy, regulatory developments, expectations regarding the timing of regulatory review of AMX0035 and the inherent unpredictability of the regulatory review process, Amylyx' ability to fund operations, and the impact that the ongoing COVID-19 pandemic will have on Amylyx' operations, as well as those risks and uncertainties set forth in Amylyx' United States Securities and Exchange Commission (SEC) filings, including Amylyx' Annual Report on Form 10-K for the year ended December 31, 2021, and subsequent filings with the SEC. All forward-looking statements contained in this press release speak only as of the date on which they were made. Amylyx undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made.

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