

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 (Data of earliest event reported): **October 4, 2022**

X4 PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation)

001-38295
(Commission File Number)

27-3181608
(IRS Employer Identification No.)

61 North Beacon Street, 4th Floor
Boston, Massachusetts
(Address of principal executive offices)

02134
(Zip Code)

(857) 529-8300
(Registrant's telephone number, including area code)

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, par value \$0.001 per share	XFOR	The Nasdaq Stock Market LLC

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 7.01 **Regulation FD Disclosure.**

On October 4, 2022, X4 Pharmaceuticals, Inc. (the “Company”) posted an updated corporate presentation on the Company’s website. To access the presentation, investors should visit the “Investors” section of the Company’s website at www.x4pharma.com.

The information furnished under this Item 7.01 shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 8.01 Other Events.

On October 4, 2022, the Company updated its clinical development pipeline chart. A copy of the Company’s pipeline chart is filed as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated into this Item 8.01 by reference.

Item 9.01	Financial Statements and Exhibits.
Exhibit No.	Description
99.1	Clinical Development Pipeline Chart as of October 4, 2022
104	Cover Page Interactive Data File (embedded within 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 hereunto duly authorized.

X4 PHARMACEUTICALS, INC.

Date: October 4, 2022

By: /s/ Adam Mostafa
Adam Mostafa
Chief Financial Officer

Candidate	Indication	Preclinical	Phase 1	Phase 2	Phase 3	Expected Milestones	Target Patient Populations
CHRONIC NEUTROPENIC DISORDERS (In-house)	Mavorixafor	WHIM Syndrome (Warts, Hypogammaglobulinemia, Infections and Myelokathexis)	Phase 3			Top-line data 4Q 2022 NDA Submission early 2H 2023	>1,000 U.S. ¹
			Phase 1b			Add'l data / regulatory update 1H 2023	~50,000 U.S. ²
	X4P-003	TBD	Phase 1				
ONCOLOGY (Partnering)	Mavorixafor	Waldenström's Macroglobulinemia* (double-mutation patients)	Phase 1b				>2,000 U.S. ³
	X4P-002	Oncology indications*	IND-enabling				Other leukemias and lymphomas >25,000 U.S. ³

*Programs only being advanced through partnership

1. Company market research, Qessential market research, 2019 and IPM.ai artificial intelligence study, 2020. 2. U.S. Prevalence Based on ICD-10 Code Research, Average Across 3 Years (2018, 2019, & 2021); >90% greater than 18 years of age, ~2/3 female, mixed G-CSF use; 3. *WM Epidemiology Analysis* The NemetzGroup.

