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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 (Data of earliest event reported): **December 13, 2021**

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**X4 PHARMACEUTICALS, INC.**

(Exact name of registrant as specified in its charter)

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**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

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**Item 7.01 Regulation FD Disclosure**

On December 13, 2021, 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](http://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, or subject to the liabilities of that section. The information shall not be deemed incorporated by reference into any other filing with the Securities and Exchange Commission made by the Company, regardless of any general incorporation language in such filing.

**Item 8.01 Other Events**

On December 13, 2021, 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.**

<u>Exhibit No.</u>	<u>Description</u>
99.1	<a href="#">Clinical Development Pipeline Chart as of December 13, 2021.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

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## 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: December 13, 2021

By: /s/ Derek Meisner  
Derek Meisner  
Chief Legal Officer

Candidate	Indication	Preclinical	Phase 1	Phase 2	Phase 3	Expected Milestones
Mavorixafor	WHIM (Warts, Hypogammaglobulinemia, Infections and Myelokathexis) syndrome	Phase 3				Top-line data 4Q 2022 NDA 2H 2023
	Waldenström's Macroglobulinemia (WM)	Phase 1b				Additional data in 4Q 2021
	Chronic Neutropenia (CN) (Severe and Moderate)	Phase 1b				Initial data in 4Q 2021
X4P-002	Oncology indications	IND-enabling				IND in 2H 2022
X4P-003	Primary immuno-deficiencies (PID)					

