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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**SCHEDULE 13D**

(Amendment No. 2)

Under the Securities Exchange Act of 1934

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**VACCINEX, INC.**  
(Name of Issuer)

Common Stock, Par Value \$0.0001 per share  
(Title of Class of Securities)

918640 202  
(CUSIP Number)

Maurice Zauderer  
c/o Vaccinex, Inc.  
1895 Mount Hope Ave  
Rochester, New York 14620  
Telephone: (585) 271-2700

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

September 25, 2023  
(Date of Event which Requires Filing of this Statement)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

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**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1	Name of Reporting Persons Maurice Zauderer	
2	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC Use Only	
4	Source of Funds PF	
5	Check if Disclosure of Legal Proceedings is Required Pursuant to Item 2(d) or 2(e) <input type="checkbox"/>	
6	Citizenship or Place of Organization United States of America	
Number of Shares Beneficially Owned by Each Reporting Person With	7	Sole Voting Power 16,366 <sup>(1)</sup>
	8	Shared Voting Power 507,958 <sup>(2)</sup>
	9	Sole Dispositive Power 16,366 <sup>(1)</sup>
	10	Shared Dispositive Power 507,958 <sup>(2)</sup>
11	Aggregate Amount Beneficially Owned by Each Reporting Person 524,324 <sup>(1)(2)</sup>	
12	Check if the Aggregate Amount in Row (11) Excludes Certain Shares <input type="checkbox"/>	
13	Percent of Class Represented by Amount in Row (11) 10.8% <sup>(3)</sup>	
14	Type of Reporting Person IN	

- (1) Includes presently exercisable, or exercisable within 60 days of September 25, 2023, stock options for 4,250 shares of Vaccinex, Inc. common stock, par value \$0.0001 (“**Common Stock**”)
- (2) Includes (a) 14,214 shares and 14,145 shares of common stock held directly by the Jeremy Zauderer Trust and the Jordan Zauderer Trust, respectively, over which Mr. Zauderer exercises voting and investment power, and (b) 479,599 shares held by Vaccinex (Rochester), L.L.C. (“**Vaccinex LLC**”), of which Mr. Zauderer is the majority member. Mr. Zauderer exercises voting and investment power over the shares held by Vaccinex LLC.
- (3) Based on 4,858,405 shares of Common Stock issued and outstanding as of September 25, 2023. Under the rules of the U.S. Securities and Exchange Commission, “beneficial ownership” is deemed to include shares of common stock that may be acquired within 60 days of the calculation date and such shares are treated as outstanding for the purpose of calculating such holder’s beneficial ownership.

1	Name of Reporting Persons Vaccinex (Rochester), L.L.C.	
2	Check the Appropriate Box if a Member of a Group (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC Use Only	
4	Source of Funds WC	
5	Check if Disclosure of Legal Proceedings is Required Pursuant to Item 2(d) or 2(e) <input type="checkbox"/>	
6	Citizenship or Place of Organization Georgia, United States	
Number of Shares Beneficially Owned by Each Reporting Person With	7	Sole Voting Power -0-
	8	Shared Voting Power 479,599 <sup>(1)</sup>
	9	Sole Dispositive Power -0-
	10	Shared Dispositive Power 479,599 <sup>(1)</sup>
11	Aggregate Amount Beneficially Owned by Each Reporting Person 479,599 <sup>(1)</sup>	
12	Check if the Aggregate Amount in Row (11) Excludes Certain Shares <input type="checkbox"/>	
13	Percent of Class Represented by Amount in Row (11) 9.9% <sup>(2)</sup>	
14	Type of Reporting Person OO	

(1) Mr. Zauderer is the majority member of Vaccinex LLC and exercises voting and investment power over the shares held by Vaccinex LLC.

(2) Based on 4,858,405 shares of Common Stock issued and outstanding as of September 25, 2023. Under the rules of the U.S. Securities and Exchange Commission, "beneficial ownership" is deemed to include shares of common stock that may be acquired within 60 days of the calculation date and such shares are treated as outstanding for the purpose of calculating such holder's beneficial ownership.

**Item 1. Security and Issuer**

The initial Schedule 13D, dated January 31, 2022, was filed with the Securities and Exchange Commission on February 10, 2022 (the “Initial Schedule 13D”) by Maurice Zauderer, President and Chief Executive Officer and board member of the Issuer, and Vaccinex (Rochester), L.L.C. (“Vaccinex LLC”) (collectively the “Reporting Persons”), and relates to the common stock, par value \$0.0001 per share (“Common Stock”), of Vaccinex, Inc., a Delaware corporation (the “Issuer” or “Company”) with principal offices located at 1895 Mount Hope Avenue, Rochester, New York 14620. The Initial Schedule 13D, as amended by Amendment No. 1 on November 23, 2022, is amended with respect to the matters set forth below by this amended Schedule 13D filing (this “Schedule 13D”), which is being filed to report a greater than 1% increase in the percentage of shares beneficially owned by Vaccinex LLC. Unless otherwise indicated herein, there are no material changes to the information set forth in the Initial Schedule 13D, as amended by Amendment No. 1.

Preliminary Note: All Common Stock share amounts and percentage interests in this Schedule 13D (Amendment No. 2) give effect to the 1-for-15 reverse stock split effected by the Issuer on September 25, 2023 (the “Reverse Split”).

**Item 3. Source and Amount of Funds or Other Consideration**

Item 3 of the Initial Schedule 13D is hereby amended by the addition of the following information:

On September 22, 2023, Vaccinex LLC purchased 136,753 shares of Common Stock of the Issuer at a purchase price of \$2.34 per share (reflecting the Reverse Split), pursuant to a private placement agreement entered into with the Issuer on September 20, 2023, in Rochester, New York. The aggregate amount paid by Vaccinex LLC for the shares of Common Stock it acquired was approximately \$320,000.00. Vaccinex LLC used working capital in connection with this transaction.

**Item 4. Purpose of Transaction**

Item 4 of the Initial Schedule 13D is hereby amended by the addition of the following information:

Vaccinex LLC and the Issuer entered into a Stock Purchase Agreement dated September 20, 2023 (the “Stock Purchase Agreement”), pursuant to which Vaccinex LLC purchased 136,753 shares of Common Stock from the Issuer at a purchase price of \$2.34 per share (reflecting the Reverse Split), resulting in a total purchase price of \$319,999.99 (does not reflect differences in rounding due to the Reverse Split). In the Stock Purchase Agreement, the Issuer states that it intends to use the net proceeds from the sale of the Common Stock to fund the ongoing development and clinical trials of pepinemab, the adopted name for VX15, the Issuer’s lead product candidate, which is being developed for treatment of Alzheimer’s disease, head and neck cancer, non-small cell lung cancer, osteosarcoma, melanoma and Huntington’s disease. The Issuer will also use such proceeds for working capital and general corporate purposes. Vaccinex LLC acquired the Common Stock reported herein for investment and to support the Issuer’s research and development activities. For additional information regarding the Stock Purchase Agreement, see Item 6.

The Reporting Persons do not have any present intention or arrangements to acquire additional shares of Common Stock. The Reporting Persons do not have any present intention to sell any Common Stock that will be included in such Registration Statement, and note that their ability to effect dispositions of Common Stock, other than pursuant to the Registration Statement, or prior shelf registration statements filed by the Company, may be limited by their status as “affiliates” of the Issuer.

Subject to the foregoing, the Reporting Persons reserve the right to take, in the future, such actions with respect to their investment in the Issuer as they deem appropriate. Except as described herein, the Reporting Persons do not have any plans or proposals which relate to, or could result in, any of the matters referred to in paragraphs (a) through (j), inclusive, of the instructions to Item 4 of Schedule 13D. The Reporting Persons may, at any time and from time to time, review or reconsider their position and/or change their purpose and/or formulate plans or proposals with respect thereto.

All of the other securities reported herein were acquired for investment purposes.

**Item 5. Interest in Securities of the Issuer**

Item 5 of the Initial Schedule 13D is hereby amended and restated in its entirety as follows:

- (a) See rows (11) and (13) of the cover pages to this filing for the aggregate number of shares of Common Stock and percentage of the shares of Common Stock beneficially owned by the Reporting Persons.
- (b) See rows (7) through (10) of the cover pages to this filing for the number of shares of Common Stock as to which the Reporting Persons have the sole or shared power to vote or direct the vote and sole or shared power to dispose or to direct the disposition.
- (c) Reference is made to the discussion in Items 3 and 4.
- (d) To the best knowledge of the Reporting Persons, no one other than the Reporting Persons, or the partners, members, affiliates or shareholders of the Reporting Persons, has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock reported herein as beneficially owned by the Reporting Persons.
- (e) Not applicable.

**Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer**

Item 6 of the Initial Schedule 13D is hereby amended by the addition of the following information:

Vaccinex LLC and the Issuer entered into a Stock Purchase Agreement dated September 20, 2023 (the "Stock Purchase Agreement"), pursuant to which Vaccinex LLC purchased 136,753 shares of Common Stock from the Issuer at a purchase price of \$2.34 per share (reflecting the Reverse Split), resulting in a total purchase price of \$319,999.99 (does not reflect differences in rounding due to the Reverse Split). The closing under the Stock Purchase Agreement occurred on September 22, 2023. The Stock Purchase Agreement contains, among other provisions, certain representations, warranties and agreements by Vaccinex LLC customarily included in agreements for the issuance and sale of securities without registration under the U.S. Securities Act of 1933, as amended (the "1933 Act"), including representations and warranties by Vaccinex LLC with respect to its status as an "accredited investor" within the meaning of Rule 501(a) of Regulation D under the 1933 Act, acknowledgment by Vaccinex LLC that the shares of Common Stock issued pursuant to the Stock Purchase Agreement constitute "restricted securities" under the 1933 Act, and agreement by Vaccinex LLC to sell the Common Stock issued pursuant to the Stock Purchase Agreement only in accordance with either the registration requirements of the 1933 Act or an exemption therefrom, and that certificates evidencing the Common Stock purchased pursuant to the Stock Purchase Agreement will bear a legend reflecting such resale restrictions. The Issuer made certain representations and warranties to Vaccinex LLC with respect to, among other matters, its business, its authorization of the issuance of the Common Stock, the compliance in all material respects at the time of filing of the periodic reports and other documents that the Issuer has filed with the Securities and Exchange Commission ("SEC") under the 1933 Act or the Securities Exchange Act of 1934, as amended, as applicable, and the rules and regulations thereunder, the absence (except as disclosed in such SEC filings) of any material adverse change affecting the Issuer, and the preparation and presentation of the Issuer's financial statements included in its SEC filings. The Stock Purchase Agreement also contains certain customary conditions to Vaccinex LLC's obligation to purchase the shares of the Issuer's Common Stock, including the absence of any stop order or suspension of trading imposed by Nasdaq, the SEC or any other governmental or regulatory body with respect to public trading in the Common Stock.

The foregoing descriptions of the Stock Purchase Agreement is qualified by the full text of such agreement, which is an exhibit to this Schedule 13D.

**Item 7. Material to Be Filed as Exhibits**

The following document is filed as an exhibit to this Schedule 13D.

<u>Exhibit</u>	<u>Description</u>
99.5	<a href="#"><u>Stock Purchase Agreement by and between the Company and the Investors (as defined therein), dated as of September 20, 2023 (incorporated by reference to Exhibit 10.1 to the Issuer's Current Report on Form 8-K filed September 22, 2023).</u></a>

**SIGNATURE**

After reasonable inquiry and to the best of our knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: September 26, 2023

**Maurice Zauderer**

By: /s/ Maurice Zauderer

Name: Maurice Zauderer

**Vaccinex (Rochester), L.L.C.**

By: /s/ Maurice Zauderer

Name: Maurice Zauderer

Title: President