Verastem, Inc. Form SC 13D/A February 20, 2014

CUSIP No. 92337C104

13D

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

Verastem, Inc.

(Name of Issuer)

Common Stock, par value \$0.0001 per share

(Title of Class of Securities)

92337C104

(CUSIP Number)

Christoph Westphal, M.D., Ph.D.

Longwood Fund, L.P.

Prudential Tower, Suite 1555

800 Boylston Street

Boston, Massachusetts 02199

(617) 351-2590

with a copy to:

Sarah Rothermel

Wilmer Cutler Pickering Hale and Dorr LLP

60 State Street

Boston, Massachusetts 02109

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

February 19, 2014

(Date of Event Which Requires Filing of this Statement)

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 Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box. o

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7(b) for other parties to whom copies are to be sent.

The information required on the remainder of this cover page shall not be deemed to be filed for the 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 of the Exchange Act but shall be subject to all other provisions of the Exchange Act (however, see the Notes).

^{*} 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.

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(1)	Names of Reporting Person Longwood Fund, L.P.	ns	
(2)	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a) (b)	o x	
(3)	SEC Use Only		
(4)	Source of Funds (See Instr WC	uctions)	
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e). o		
(6)	Citizenship or Place of Organization. Delaware, United States of America		
Number of Shares Beneficially Owned by Each Reporting	(7)	Sole Voting Power.	
	(8)	Shared Voting Power. 26	
	(9)	Sole Dispositive Power. 0	
Person With:	(10)	Shared Dispositive Power. 26	
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person. 26 (see Attachment A)		
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions).		
(13)	Percent of Class Represented by Amount in Row (11). Less than 0.1%. (see Attachment A)		
(14)	Type of Reporting Person PN	(See Instructions).	

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(1)	Names of Reporting Persons Longwood Fund GP, LLC		
(2)	Check the Appropriate Box if a Member of a Group (See Instructions)		
	(a) (b)	o x	
(3)	SEC Use Only		
(4)	Source of Funds (See Instructions) WC		
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e). o		
(6)	Citizenship or Place of Organization. Delaware, United States of America		
	(7)	Sole Voting Power.	
Number of Shares Beneficially Owned by	(8)	Shared Voting Power. 143,580	
Each Reporting	(9)	Sole Dispositive Power.	
Person With:	(10)	Shared Dispositive Power. 143,580	
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person. 143,580 (see Attachment A)		
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions). o		
(13)	Percent of Class Represented by Amount in Row (11). 0.6% (see Attachment A)		
(14)	Type of Reporting Person (See Instructions). OO		

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(1)	Names of Reporting Perso Christoph Westphal, M.D			
(2)	Check the Appropriate Bo (a) (b)	ox if a Member of a Group (See Instructions) o x		
(3)	SEC Use Only			
(4)	Source of Funds (See Instructions) AF			
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e). o			
(6)	Citizenship or Place of Organization. United States citizen			
	(7)	Sole Voting Power. 1,067,879		
Number of Shares Beneficially	(8)	Shared Voting Power. 269,294		
Owned by Each Reporting Person With:	(9)	Sole Dispositive Power. 1,067,879		
Person with:	(10)	Shared Dispositive Power. 269,294		
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person. 1,337,173 (see Attachment A)			
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions).			
(13)	Percent of Class Represented by Amount in Row (11). 5.1% (see Attachment A)			
(14)	Type of Reporting Person IN	(See Instructions).		

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(1)	Names of Reporting Person Richard Aldrich	S		
(2)	Check the Appropriate Box (a) (b)	if a Member of a Group (See Instructions) o x		
(3)	SEC Use Only			
(4)	Source of Funds (See Instru AF	actions)		
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e). o			
(6)	Citizenship or Place of Organization. United States citizen			
	(7)	Sole Voting Power. 450,060		
Number of Shares Beneficially Owned by	(8)	Shared Voting Power. 279,294		
Each Reporting	(9)	Sole Dispositive Power. 450,060		
Person With:	(10)	Shared Dispositive Power. 279,294		
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person. 729,354 (see Attachment A)			
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions). o			
(13)	Percent of Class Represented by Amount in Row (11). 2.8% (see Attachment A)			
(14)	Type of Reporting Person (SIN	See Instructions).		

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(1)	Names of Reporting Persons Michelle Dipp, M.D., Ph.D.			
(2)	Check the Appropriate Box (a) (b)	x if a Member of a Group (See Instructions) o x		
(3)	SEC Use Only			
(4)	Source of Funds (See Instru AF	uctions)		
(5)	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e). o			
(6)	Citizenship or Place of Organization. United States citizen			
	(7)	Sole Voting Power. 171,428		
Number of Shares Beneficially	(8)	Shared Voting Power. 143,580		
Owned by Each Reporting	(9)	Sole Dispositive Power. 171,428		
Person With:	(10)	Shared Dispositive Power. 143,580		
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person. 315,008 (see Attachment A)			
(12)	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions).			
(13)	Percent of Class Represented by Amount in Row (11). 1.2% (see Attachment A)			
(14)	Type of Reporting Person (IN	(See Instructions).		

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Item 1. Security and Issuer.

This Amendment No. 3 amends, supplements and restates (as applicable) the statement on Schedule 13D that was filed with the Securities and Exchange Commission (the SEC) on February 14, 2012, as amended by the Schedule 13D/A that was filed with the SEC on February 8, 2013 and as further amended by the Schedule 13D/A that was filed with the SEC on February 4, 2014 (collectively, the Original Filing) and relates to the Reporting Persons (as defined in Item 2 of the Original Filing) beneficial ownership interest in the common stock, par value \$0.0001 per share (the Common Stock), of Verastem, Inc., a Delaware corporation (the Issuer). The address of the principal executive office of the Issuer is 215 First Street, Suite 440, Cambridge, Massachusetts 02142. Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable. Capitalized terms used but not otherwise defined herein have the meanings assigned to such terms in the Original Filing.

Item 2. Identity and Background.

There are no amendments to Item 2 of the Original Filing.

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

There are no amendments to Item 3 of the Original Filing.

Item 4. Purpose of Transaction.

There are no amendments to Item 4 of the Original Filing.

Item 5. Interest in Securities of the Issuer.

Item 5 of the Original Filing is hereby amended and restated to read in its entirety as follows:

The aggregate percentage of shares of Common Stock reported beneficially owned by each person named herein is determined in accordance with SEC rules and is based upon 25,657,732 shares of the Issuer's Common Stock outstanding as of December 31, 2013, based upon information given to the Reporting Persons by the Issuer. The applicable SEC rules generally attribute beneficial ownership of securities to persons who possess sole or shared voting power or investment power with respect to those securities and include shares of Common Stock issuable upon the conversion or exercise of other securities that are immediately convertible or exercisable, or are convertible or exercisable within 60 days of the filing of this Report.

A. Longwood Fund, L.P.

(a) As of the closing of business on February 21, 2014, the Fund beneficially owned 26 shares of Common Stock, representing a beneficial ownership of less than 0.1% of the shares of Common Stock. All such shares are directly held by the Fund.

(b)	1.	Sole power to vote or direct vote:	0
	2.	Shared power to vote or direct vote:	26
	3.	Sole power to dispose or direct the disposition:	0
	4.	Shared power to dispose or direct the disposition:	26

Please see Attachment A for additional information.

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B. Longwood Fund GP, LLC

(a) As of the closing of business on February 21, 2014, the General Partner beneficially owned 143,580 shares of Common Stock, representing a beneficial ownership of approximately 0.6% of the shares of Common Stock. 26 of such shares are direct