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

#### INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB 3235-0104 Number: January 31, 2005 Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Pachter Jonathan	<ol> <li>Date of Event Requiring Statement (Month/Day/Year)</li> </ol>	<sup>3</sup> 3. Issuer Name <b>and</b> Ticker or Trading Symbol Verastem, Inc. [VSTM]				
(Last) (First) (Middle)	01/26/2012	4. Relationship of Reporting Person(s) to Issuer5. If Amendment, Date Original Filed(Month/Day/Year)				
C/O VERASTEM, INC., 215 FIRST STREET, SUITE 440		(Check all applicable)				
(Street) CAMBRIDGE, MA 02142		Director       10% Owner       6. Individual or Joint/Group         X_Officer       Other       Filing(Check Applicable Line)         (give title below)       (specify below)       X_Form filed by One Reporting         VP, Head of Research       Person				
(City) (State) (Zip)	Table I - I	Non-Derivative Securities Beneficially Owned				
1.Title of Security (Instr. 4)	2. Amount o Beneficially (Instr. 4)					
Reminder: Report on a separate line for ea owned directly or indirectly. <b>Persons who res</b>	ach class of securities benefic	SEC 14/3 (7-02)				
information cont required to respo	ained in this form are not ond unless the form disp MB control number.					
Table II - Derivative Secu	rities Beneficially Owned (e	.g., puts, calls, warrants, options, convertible securities)				

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I)	

Stock Option (Rig Buy)	ht to	07/11/2012	09/06/2021	Common Stock	68,571	\$ 1.925	(Instr. 5) D	Â

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Pachter Jonathan C/O VERASTEM, INC. 215 FIRST STREET, SUITE 440 CAMBRIDGE, MA 02142	Â	Â	VP, Head of Research	Â		
Signatures						
/s/ Paul Brannelly, as attorney-in-fact	01/26/2012					
<u>**</u> Signature of Reporting Person		Date				
Evaluation of Responses						

### **Explanation of Responses:**

\* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.