FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 OMB APPROVAL
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hours per response:

Cook Anne Ma	of Reporting Pe arie	erson	2. Issuer Name and Ticker or Trading Symbol Sage Therapeutics, Inc. [SAGE]	(Check	tionship of Reporting Pe all applicable) Director Officer (give title	Person(s) to Issuer 10% Owner Other (specify below) Counsel
(Last) C/O SAGE THER 215 FIRST STREI	· · · · · · · · · · · · · · · · · · ·	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/16/2015		below) General Co	
	MA (State)	02142 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Fili Form filed by One Re Form filed by More th Person	porting Person
(City)	(State)		Derivative Securities Acquired, Disposed of, or Ben	neficially (Person	y More th

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			Securities Beneficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security 3A. Deemed Execution Date, if any 3. Transaction 5. Number of 6. Date Exercisable and 7. Title and Amount 8. Price of 9. Number of 10. 11. Nature 2. Conversion Transaction Code (Instr. of Securities Underlying Derivative Security Ownership Form: Derivative of Indirect Date Derivative Expiration Date derivative (Month/Dav/Year) (Month/Day/Year) or Exercise Securities Security Securities Beneficial (Instr. 3) Price of (Month/Day/Year) 8) Acquired (A) (Instr. 5) Beneficially Direct (D) Ownership or Disposed of (D) (Instr. 3, 4 and 5) Derivative (Instr. 3 and 4) or Indirect (I) (Instr. 4) (Instr. 4) Owned Security Following Reported Transaction(s) Amount (Instr. 4) Date Expiration Number Code v (A) (D) Exercisable Date Title of Shares Stock Option Commor \$56.27 09/16/2015 110.000 (1) 09/16/2025 110,000 \$0.00 110,000 A D (Right to Stock

Explanation of Responses:

1. The stock option award was issued pursuant to the Sage Therapeutics, Inc. 2014 Stock Option and Incentive Plan. 27,500 shares will vest on September 16, 2016. The remaining shares will vest in equal monthly installments over the 36 months following September 16, 2016.

Remarks:

Buy)

<u>/s/ Erin Lanciani, Attorney-in-</u> Fact for Anne Marie Cook

09/18/2015

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). I hereby authorize Kimi Iguchi(Chief Financial Officer), Erin Lanciani (Vice President, Human Resources), Kelly Linehan (Associate Director, Business Operations), Mark Doucette (Senior Director, Accounting and Tax) or Brian Kiraly (Senior Director/Controller) or their successors in role or any of them acting as them acting as agent and attorney-in-fact, with full power of substitution, to:

> (1) prepare and sign on my behalf any Form 3, Form 4 or Form 5 pursuant to Section 16 of the Securities Exchange Act of 1934, as amended, and file the same with the Securities Exchange Commission, NYSE, and each stock exchange on which Sage Therapeutics, Inc.'s common stock or other securities are listed, as required by law;

> (2) prepare and sign on my behalf any Form 144 pursuant to the Securities Act of 1933, as amended, and file the same with the Securities Exchange Commission, NYSE, and each stock exchange on which Sage Therapeutics, Inc.'s common stock or other securities are listed, as required by law; and

(3) do anything else necessary or proper in connection with the foregoing.

This Power of Attorney shall remain in effect as long as I am an affiliate of Sage Therapeutics, Inc. and shall not be affected by my subsequent disability or incompetence.

Date: Septermber 16, 2015

Anne Marie Cook SVP/General Counsel