| SEC For | | | | | | | | | | | | | | | | | | | |
|--|---|--|---|---------------------|---|--|---|----------|---|---------------|------------------------|----------------|----------|---|--|--------------------|--|--|-----------------------|
| FORM 4 UNITED STAT | | | | TES | TES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 | | | | | | | | | | | OMB APPROVAL | | | |
| Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). | | | | | d purs | suant to | o Section | n 16(| a) of the Sec | curitie | s Exchar | nge Act o | | | SHIP | Estim | | er: verage burder sponse: | 3235-0287 1 0.5 |
| 1. Name and Address of Reporting Person* Cook Anne Marie | | | | 2. 1 | or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol <u>Sage Therapeutics, Inc.</u> [SAGE] | | | | | | | | | eck all appli Directo | cable) or | 10% Owr | | | |
| (Last) (First) (Middle) C/O SAGE THERAPEUTICS, INC. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/28/2020 | | | | | | | | | | X Officer (give title Other (specify below) below) SVP, GC & Secretary | | | | |
| 215 FIRST STREET (Street) CAMBRIDGE MA 02142 | | | | | 4. li | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Andividual or Joint/Group Filing (Check Applicable ine) X Form filed by One Reporting Person Form filed by More than One Reporting | | | | |
| (City) (State) (Zip) | | | | | | | | | | | | | | Person | | | | | |
| 1. Title of s | Security (Inst | | le I - Nor | 1-Deriv 2. Trans | | 2 | A. Deem | ed | 3. | | 4. Secur | ities Acq | uired | (A) or | ly Owned 5. Amou | | | | 7. Nature |
| Date (Month/E | | | | Day/Ye | ar) if | xecution Date any /onth/Day/Yea | | Code (Ir | | Dispose 5) | ed Of (D) (Instr. 3, 4 | | 3, 4 and | Benefici | ally (D) Following (I) (| | | of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | Code | v | Amount | (A (D |) or) | | | tion(s) | | | məti. 4j | |
| | | т | | | | | | | uired, Di s, options | | | | | | Owned | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deeme Execution if any (Month/Da | Date, | 4. Fransaction Code (Instr. 3) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisabl Expiration Date (Month/Day/Year) | | Amount of | | | 8. Price of Derivative Security (Instr. 5) | 9. Numbe derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4) | e S Ily I | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisable | | Expiration Date | Title | | lumber | | | | | |
| Stock Option (Right to Buy) | \$39.87 | 04/28/2020 | | | A | | 9,450 | | (1) | 04 | /28/2030 | Commo Stock | | 9,450 | \$0.00 | 9,450 |) | D | |

Explanation of Responses:

1. The securities awarded on April 28, 2020 were in the form of stock options issued pursuant to the Sage Therapeutics, Inc. 2014 Stock Option and Incentive Plan. 25% of the shares of common stock underlying this stock option award will vest on April 28, 2021, and the remaining 75% of the shares of common stock underlying this stock option award will vest on April 28, 2022, subject, in each case, to the Reporting Person's continued employment with the Issuer on each of the applicable vesting dates.

Remarks:

| <u>/s/ Jennifer Fitzpatrick, as</u> |
|-------------------------------------|
| Attorney-in-Fact for Anne |
| Marie Cook |
| |

04/30/2020

Date ** Signature of Reporting Person

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.

POWER OF ATTORNEY

I, the undersigned, hereby authorize and designate Anne Marie Cook (SVP, General Counsel), Kimi Iguchi (Chief Financial Officer), Erin Lanciani (SVP, People and Organizational Strategy), and Jennifer Fitzpatrick (Vice President, Corporate Counsel) for as long as they remain employees of Sage Therapeutics, Inc., and Laurie Burlingame of Goodwin Procter, each acting singly, or their successors in role, to take the following actions, acting as my agent and attorney-in-fact, with full power of substitution:

(1) to 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 to file the same with the Securities and Exchange Commission, NASDAQ, NYSE, and each stock exchange on which shares of Common Stock or other securities of Sage Therapeutics, Inc. are listed, as required by law;

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

(3) take any other action necessary or proper in connection with the foregoing.

Unless earlier revoked under the next sentence, this Power of Attorney shall remain in effect as long as I am an executive officer or director of Sage Therapeutics, Inc., and shall not be affected by my subsequent disability or incompetence. I may revoke this Power of Attorney by written notice delivered, in person or by nationally recognized courier, to the attention of the SVP, General Counsel of Sage Therapeutics, Inc.

/s/ Anne Marie Cook

(Signature of Executive Officer or Director)

Name: Anne Marie Cook

Date: 12/13/2018