FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPR | OVAL | | | | |
|--------------------------|-----------|--|--|--|--|
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|---|---|--------------------|---|--|------------------------------------|--|---|--|--|
| 1. Name and Address of Reporting Person* IGUCHI KIMI | 2. Date of Event Requiring Statement (Month/Day/Year) 07/17/2014 | | 3. Issuer Name and Ticker or Trading Symbol Sage Therapeutics, Inc. [SAGE] | | | | | | |
| (Last) (First) (Middle) C/O SAGE THERAPEUTICS, INC. | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | r (Mo | 5. If Amendment, Date of Original Filed (Month/Day/Year) | | | |
| 215 FIRST STREET | | | X Officer (give title below) | Other (spe- below) | , I O. III | dividual or Joint icable Line) | t/Group Filing (Check | | |
| (Street) | | | See Remark | S | X | Form filed b | y One Reporting Person | | |
| CAMBRIDGE MA 02142 | | | | | | Form filed b Reporting P | y More than One erson | | |
| (City) (State) (Zip) | | | | | | | | | |
| | Table I - No | n-Derivat | ive Securities Beneficial | y Owned | | | | | |
| 1. Title of Security (Instr. 4) | | | . Amount of Securities eneficially Owned (Instr. 4) | | | Nature of Indirect Beneficial Ownership nstr. 5) | | | |
| Common Stock | | 92,063 | D | | | | | | |
| (| | | e Securities Beneficially nts, options, convertible | | s) | | | | |
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securi Underlying Derivative Securit | | 4. Conversion or Exercise | 5. Ownership Form: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | | |
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Price of Derivative Security | Direct (D) or Indirect (I) (Instr. 5) | | | |
| Stock Option (Right to Buy) | (1) | 09/24/2023 | Common Stock | 9,523 | 1.36 | D | | | |
| Stock Option (Right to Buy) | (2) | 01/01/2024 | Common Stock | 12,698 | 1.36 | D | | | |
| Stock Option (Right to Buy) | (3) | 01/30/2024 | Common Stock | 19,047 | 1.36 | D | | | |
| Stock Option (Right to Buy) | (4) | 01/30/2024 | Common Stock | 19,047 | 1.36 | D | | | |

Explanation of Responses:

- 1. 25% of this option was vested upon grant, and the remainder vests in equal monthly installments over 36 months beginning October 4, 2013.
- $2.\ This\ option\ vests\ in\ 48\ equal\ monthly\ installments\ beginning\ January\ 1,\ 2014.$
- 3. This option vests in 24 equal monthly installments beginning March 11, 2014.
- 4. This option vests in 24 equal monthly installments beginning on the close of the initial public offering of Sage Therapeutics, Inc.

Remarks:

Chief Financial Officer, Secretary and Treasurer

<u>/s/ Kimi Iguchi</u> <u>07/17/2014</u>

** Signature of Reporting Person D

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 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.

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.

LIMITED POWER OF ATTORNEY

The undersigned hereby constitutes and appoints each of Jeffrey M. Jonas and Laurie A. Burlingame and each of them individually, and with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

- (1) Complete and execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or ten percent (10%) shareholder of Sage Therapeutics, Inc., a Delaware corporation (the "Company") any and all instruments, certificates and documents required to be executed on behalf of the undersigned as an individual or on behalf of the undersigned's company or partnership, as the case may be, pursuant to Section 13 and Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act") or the rules and regulations thereunder;
- (2) Do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such instruments, certificates or documents required to be filed pursuant to Sections 13 and 16 of the Exchange Act or the rules or regulations thereunder and timely file such forms with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) Take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact, acting singly, full power and authority to do and perform any and every act which is necessary, proper or desirable to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that any such attorney-in-fact, or any such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted.

The undersigned acknowledges that each of the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 13 or Section 16 of the Exchange Act or the rules or regulations thereunder. The undersigned hereby agrees to indemnify each attorney-in-fact and the Company from and against any demand, damage, loss, cost or expense arising from any false or misleading information provided by the undersigned to such attorney-in fact.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file any instruments, certificates and documents pursuant to Section 13 and 16 of the Exchange Act or the rules or regulations thereunder with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of June 17, 2014.