## FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

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

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person <sup>*</sup> Gault Laura			2. Issuer Name <b>and</b> Ticker or Trading Symbol Sage Therapeutics, Inc. [SAGE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner						
(Last) C/O SAGE TH	(First) ERAPEUTIC	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/05/2024	Officer (give title Other (specify below) below) Chief Medical Officer						
215 FIRST STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) CAMBRIDGE	MA	02142		Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State)	(Zip)	Rule 10b5-1(c) Transaction Indication							
				Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.						

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3.     4. Securities Acquired (A) or       Transaction     Disposed Of (D) (Instr. 3, 4 and 5)       8)     5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
			Code V		Amount (A) or (D)		Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	08/05/2024		A		13,500(1)	A	\$0.00	14,025(2)	D	
Common Stock	08/05/2024		F		3,288	D	\$8.96	10,737	D	

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)				6. Date Exerc Expiration Da (Month/Day/Y	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. On February 13, 2024, the reporting person was granted Performance Stock Units (PSUs) to acquire a total of 33,750 shares of common stock. The PSUs vest upon the achievement of certain milestones, one of which was met on August 5, 2024, resulting in the vesting of the PSUs as to 13,500 shares.

2. Reflects beneficial ownership balance which includes 298 shares purchased on June 28, 2024 under the Sage Therapeutics, Inc. 2014 Employee Stock Purchase Plan.

### **Remarks:**

Brandon Marsh, attorney in 08/07/2024 fact for Laura Gault

\*\* 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.

I, the undersigned, hereby authorize and designate Anne Marie Cook (Senior Vice President, General Counsel), Kimi Iguchi (Chief Financial Officer) and Brandon Marsh (Director, Corporate Counsel), for as long as they remain employees of Sage Therapeutics, Inc., and Stuart Falber of WilmerHale, 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 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 a director or executive officer 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 Senior Vice President, General Counsel of Sage Therapeutics, Inc.

Name: Laura Gault Date: 5/20/2024