FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* Peyer James						2. Issuer Name and Ticker or Trading Symbol Sensei Biotherapeutics, Inc. [SNSE]								Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner					Owner
(Last) (First) (Middle) C/O SENSEI BIOTHERAPEUTICS, INC.					3. Date of Earliest Transaction (Month/Day/Year) 03/02/2022										Office below	er (give titl /)	е	Othe belo	r (specify w)
1405 RESEARCH BLVD. SUITE 125						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) ROCKVILLE MD 20850					03/0	03/02/2022								X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(St	ate) (Z	Zip)																
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/					Execution Date			3. Transaction Code (Instr. 8) 4. Securitie: Disposed O 5)			s Acquii f (D) (In	red (A) o str. 3, 4 a	5. Amount of Securities Beneficially Owned Follo Reported		s ally ollowing	Form: (D) or		7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount	(A) or (D)	Price	•	Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
Common Stock 03/02/2				03/02/20	022				P		1,203	A	\$3.2		5,231,488(1)		I(2)		See Footnote ⁽²⁾
	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)	erivative Conversion Date Execution Date curity or Exercise (Month/Day/Year) if any			tion Date,	4. Transaction Code (Instr. 8)		5. Nu of Deriv Secu Acqu (A) or Dispo of (D) (Instr and 5	rities ired r osed)	6. Date	tion D		Amount of Securities Underlying Derivative Security (Ins 3 and 4) Amount of Security (Ins 3 and 4)		Reporte Transac (Instr. 4)		ore Owners es Form: Direct (or Indirect) (I) (Institution(s)		Beneficial Ownership ct (Instr. 4)	

Explanation of Responses:

- 1. This Form 4/A is being filed solely to correct the number of shares beneficially owned following the transaction reported herein.
- 2. These shares are held by Cambrian Biopharma Inc, a Delaware corporation ("Cambrian"). The Reporting Person is the Chief Executive Officer of Cambrian and in such capacity may direct the voting and disposition of the shares held by Cambrian, subject in certain instances to the approval of Cambrian's Board of Directors. Mr. Peyer disclaims beneficial ownership of such shares

/s/ Sarah Field, Attorney-in-

06/10/2022

Fact

** 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.