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

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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

Name and Address of Reporting Person* Peyer James					2. Issuer Name and Ticker or Trading Symbol Sensei Biotherapeutics, Inc. [SNSE]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner						
(Last) (First) (Middle) C/O SENSEI BIOTHERAPEUTICS, INC.					3. Date of Earliest Transaction (Month/Day/Year) 03/23/2021									fficer (g elow)	give title		Othe belov	r (specify v)	
1405 RESEARCH BLVD. SUITE 125				4. If a	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) ROCKVILLE MD 20850			0850										X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State) (Zip)																		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye				Year) i	Execution Date,		·			4. Securities Disposed Of					es Form ally (D) o Following (I) (Ir		nership Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Code	v	Amount	(A) or (D)	Price	Tran	Transaction(s) (Instr. 3 and 4)				(iiisti. 4)	
Common Stock 03/23/202				21	1			P		10,000	A	\$14.34	4,798,794		794	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)	ative Conversion Date Execution Date, ity or Exercise (Month/Day/Year) if any				5. Numbe of Derivative Securitie Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		rative rities iired r osed) r. 3, 4	Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price Derivat Securit (Instr. 5	ve de / Se Be Ov Fo Re Tra	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownersh Form: Direct (D or Indirec (I) (Instr.	Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exer	cisable	Expiration Date	Title	Number of Shares							

Explanation of Responses:

- 1. The price reported is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$14.00 to \$14.75, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set 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-03/24/2021

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.