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 |
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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* Cambrian BioPharma Inc | | | | | | 2. Issuer Name and Ticker or Trading Symbol Sensei Biotherapeutics, Inc. [SNSE] | | | | | | | | | k all app Direc | tor | 2 | (10% C |)% Owner |
|--|------|---------|---|------------------------|---------|---|--------------------------------|-------|---------|----------------------------------|-------------------|---------------|--|---|--|---|--------------|---|-----------|
| (Last) 19 MOR | (Fir | , | Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/25/2022 | | | | | | | | | Officer (give title below) | | Other below) | (specify | |
| BROOKLYN NAVY YARD, BUILDING 128 | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| (Street) BROOKLYN NY 11205 | | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) | (St | ate) (Z | Zip) | | | | | | | | | | | | | | | | |
| | | Table | I - Noı | n-Deriva | ative S | Secu | rities | Acq | uired, | Dis | posed of | , or E | Benef | icially | Own | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | Exec y/Year) if any | | Deemed ecution Date, ny onth/Day/Year) | | | | 4. Securitie Disposed (5) | | | 4 and Securi Benefi | | ties cially Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | | ice | Transa | Transaction(s) Instr. 3 and 4) | | | (11301.4) |
| Common Stock 02/25/2 | | | | 2022 | | | P | | 2,500 | A \$ | | 3.65 | 5 5,228,286 | | D ⁽¹⁾ | | | | |
| | | Tal | | | | | | | , | | osed of, onvertib | | | • | Owne | d | | | |
| 1. Title of Derivative Security (Instr. 3) | | | Transaction of Code (Instr. 8) Ss. A.(./A.) | | of | r osed (: 3, 4 | 6. Date Expirati (Month/ | on Da | | | nt | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | | | |
| | | | | - | | v | (A) | (D) | Exercis | able | Date | Title | Share | s | | | | | |

Explanation of Responses:

1. These shares are held by Cambrian Biopharma, Inc., a Delaware corporation ("Cambrian"). The Chief Executive Officer of Cambrian, James Peyer, 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.

Cambrian BioPharma Inc, by:

02/28/2022

/s/ James Peyer

** 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.