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 | 20540 |
|--------------|------|-------|
| wasiiiigton, | D.C. | 20049 |

| 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* Mylet Johanna | | | | | 2. Issuer Name and Ticker or Trading Symbol Poseida Therapeutics, Inc. [PSTX] | | | | | | | | (Ched | ck all applica | tionship of Reporting all applicable) Director Officer (give title | | g Person(s) to Issuer 10% Owner Other (specify | | |
|---|-----------|---|--|----------|---|---|--|-----------------------------------|---|--|--------------------|---|-----------------|---|--|---------------------|--|---|------------|
| | SEIDA THE | irst) ERAPEUTICS, I TRE DRIVE, ST | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/01/2023 | | | | | | | | X | below) | | below) ncial Officer | | , , |
| (Street) SAN DII | EGO C | A | 92121 (Zip) | | 4. | | | | | | | | 6. Ind Line) | Form fil | oint/Group Filing (Check Applicable ed by One Reporting Person ed by More than One Reporting | | | | |
| | ` | | ble I - Non | n-Deriv | vativ | ve Se | ecurities | s Ac | auired. | Disi | posed o | of. or B | enefi | cially | Owned | | | | |
| 1. Title of Security (Instr. 3) | | | 2. Trans | nsaction | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 | | or 5. Amou 4 and 5) Securiti Benefici | | s lly ollowing | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | | | | | Code | v | Amount | mount (A | | Price | Transacti (Instr. 3 a | on(s) | | | (111511.4) |
| Common Stock | | | | 03/0 | 01/202 | 1/2023 | | A ⁽¹⁾ | | 92,772 A | | \$0.00 | 181,954(2) | | D | | | | |
| Common Stock | | | 03/0 | 01/2023 | | | | F | | 4,323 | (3) | D | \$5.35 | 177 | 77,631 | | D | | |
| | | | Table II - I | | | | | | | | sed of, onverti | | | | wned | | | | |
| Derivative Conversion [| | Date Exec (Month/Day/Year) if an | 3A. Deemed Execution Da if any (Month/Day/Y | ate, Ti | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisal Expiration Date (Month/Day/Year | | of Securities | | | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securitie Beneficia Owned Following Reported Transacti | e s ally g | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership oct (Instr. 4) | |
| | | | | c | Code | v | (A) | (D) | Date Exercisab | | xpiration ate | Title | or Nun | ount nber hares | | (Instr. 4) | ion(s) | | |
| Employee Stock Option (Right to Buy) | \$5.35 | 03/01/2023 | | | A | | 125,283 | | (4) | 0 | 2/28/2033 | Commo Stock | n 125 | 5,283 | \$0.00 | 125,2 | 83 | D | |

Explanation of Responses:

- 1. Represents shares issuable upon the vesting of restricted stock units granted pursuant to the Issuer's Equity Incentive Plan. The RSUs are scheduled to vest in four equal annual installments.
- 2. Includes 3,000 shares acquired by the Reporting Person under the Issuer's 2020 Employee Stock Purchase Plan on March 18, 2022, and 1,951 shares acquired by the Reporting Person under the Issuer's 2020 Employee Stock Purchase Plan on September 20, 2022.
- 3. Represents shares withheld by the Issuer to satisfy income tax obligations associated with the vesting of a Restricted Stock Unit Award granted to the Reporting Person on March 1, 2022.
- 4. 12.5% of the shares subject to the stock option will vest and become exercisable on the six-month anniversary of the grant date listed in column 3 above, and the remaining shares will vest in 42 equal monthly installments thereafter.

Remarks:

/s/ Harry J. Leonhardt, Attorney-in-Fact

03/02/2023

** 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.