

| OMB APPROVAL | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* <u>Legault Pierre</u> | | | 2. Issuer Name and Ticker or Trading Symbol <u>Syndax Pharmaceuticals Inc [SNDX]</u> | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) <u>01/12/2023</u> | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| C/O SYNDAX PHARMACEUTICALS, INC. 35 GATEHOUSE DRIVE, BUILDING D, FLOOR 3 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) <u>WALTHAM MA 02451</u> | | | | | | | | |
| (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/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------------------------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 01/12/2023 | | M | | 24,000 | A | \$9.47 | 56,000 | D | |
| Common Stock | 01/12/2023 | | s ⁽¹⁾ | | 24,000 | D | \$26.7409 ⁽²⁾ | 32,000 | D | |
| Common Stock | 01/13/2023 | | M | | 10,000 | A | \$13.58 | 42,000 | D | |
| Common Stock | 01/13/2023 | | s ⁽¹⁾ | | 10,000 | D | \$27 | 32,000 | D | |
| Common Stock | 01/13/2023 | | M | | 5,000 | A | \$13.58 | 37,000 | D | |
| Common Stock | 01/13/2023 | | s ⁽¹⁾ | | 5,000 | D | \$27 | 32,000 | 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. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 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 |
| Stock Options (Right to buy) | \$9.47 | 01/12/2023 | | M | | | 24,000 | (3) | 02/12/2030 | Common Stock | 24,000 | \$0.00 | 0.00 | D | |
| Stock Options (Right to buy) | \$13.58 | 01/13/2023 | | M | | | 10,000 | (3) | 05/17/2027 | Common Stock | 10,000 | \$0.00 | 0.00 | D | |
| Stock Options (Right to buy) | \$13.58 | 01/13/2023 | | M | | | 5,000 | (3) | 05/17/2027 | Common Stock | 5,000 | \$0.00 | 0.00 | D | |

Explanation of Responses:

- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 plan adopted by the Reporting Person. Following the sales reported in this Form 4, the Reporting Person has a total of no options to purchase shares of common stock that are vested and immediately exercisable and there are no options to purchase shares of common stock that have not yet vested.
- The sale prices ranged from \$26.50 to \$26.93.
- This option is fully vested.

Remarks:

/s/ Michael A. Metzger, as Attorney-in-Fact

01/13/2023

** 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.