

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

| OMB APPROVAL                                 |           |
|--|-----------|
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

|   |  |   |
|---|--|---|
| 1. Name and Address of Reporting Person*<br><u>Murphy-Chutorian Douglas</u><br><br>(Last) (First) (Middle)<br>C/O SEMLER SCIENTIFIC, INC.<br>2340-2348 WALSH AVENUE, SUITE 2344<br><br>(Street)<br>SANTA CLARA CA 95051<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Semler Scientific, Inc. [ SMLR ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><p style="text-align: center;">CEO</p> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br>11/07/2024                         |   |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)  |  |   |

**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                    | 11/07/2024                           |  | M                              |   | 75,000  | A          | \$1.96  | 75,000  | D  |   |
| Common Stock                    | 11/07/2024                           |  | M                              |   | 25,000  | A          | \$3.44  | 100,000   | D  |   |
| Common Stock                    | 11/07/2024                           |  | S                              |   | 50,000  | D          | \$37.93 | 50,000  | D  |   |
| Common Stock                    | 11/07/2024                           |  | G                              |   | 50,000 <sup>(1)</sup>   | D          | \$0     | 0   | D  |   |
| Common Stock                    | 11/07/2024                           |  | G                              |   | 50,000 <sup>(1)</sup>   | A          | \$0     | 100,313 <sup>(1)</sup>  | I  | See Footnote <sup>(1)</sup>                           |

**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 option (right to buy)                | \$1.96   | 11/07/2024                           |  | M                              |   |  | 75,000 | (2)  | 12/31/2024      | Common Stock  | 75,000                                     | \$0  | 0   | D  |       |
| Stock option (right to buy)                | \$3.44   | 11/07/2024                           |  | M                              |   |  | 25,000 | (2)  | 07/20/2025      | Common Stock  | 25,000                                     | \$0  | 155,000   | D  |       |

**Explanation of Responses:**

- Shares are held in a family trust over which Dr. Murphy-Chutorian is co-Trustee with his spouse, and with whom he shares voting and investment power over such securities.
- The shares underlying the option are fully vested and immediately exercisable.

/s/ Douglas Murphy-Chutorian 11/12/2024

\*\* 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.