FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden 0.5 hours per response:

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.

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

		*	2. Issuer Name and Ticker or Trading Symbol Semler Scientific, Inc. [SMLR]	Relationship of Reporting Person(s) to Issuer (Check all applicable)					
<u>iviuipiiy-Ciiuu</u>	Mail Douglas			1	Director	10% Owner			
(Last)	(First)	(Middle)	Date of Earliest Transaction (Month/Day/Year)	J	Officer (give title below)	Other (specify below)			
C/O SEMLER SO	CIENTIFIC, INC.		12/10/2024		CEO				
2340-2348 WALSH AVENUE, SUITE 2344		TE 2344							
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indivi Line)	6. Individual or Joint/Group Filing (Check App Line)				
SANTA CLARA	CA	95051		1	Form filed by One Report	•			
					Person	one ireborally			
(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	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		
Common Stock	12/10/2024		М		140,083	A	\$3.44	140,083	D			
Common Stock	12/10/2024		S		50,794(1)	D	\$59.74 ⁽²⁾	89,289	D			
Common Stock	12/10/2024		S		12,790(1)	D	\$60.36(3)	76,499	D			
Common Stock	12/10/2024		S		10,545(1)	D	\$61.45(4)	65,954	D			
Common Stock	12/10/2024		S		871(1)	D	\$62.29(5)	65,083	D			
Common Stock	12/11/2024		M		14,917	A	\$3.44	80,000	D			
Common Stock	12/11/2024		S		891(1)	D	\$59.08(6)	79,109	D			
Common Stock	12/11/2024		S		2,294(1)	D	\$60.29(7)	76,815	D			
Common Stock	12/11/2024		S		2,315(1)	D	\$61.57(8)	74,500	D			
Common Stock	12/11/2024		S		2,489(1)	D	\$62.35(9)	72,011	D			
Common Stock	12/11/2024		S		500(1)	D	\$61.13(10)	71,511	D			
Common Stock	12/11/2024		S		5,811(1)	D	\$62.28(11)	65,700	D			
Common Stock	12/11/2024		S		9,254(1)	D	\$62.97(12)	56,446	D			
Common Stock	12/11/2024		S		1,446(1)	D	\$63.8(13)	55,000	D			
Common Stock	12/12/2024		G		55,000(14)	D	\$0	0	D			
Common Stock	12/12/2024		G		55,000(14)	A	\$0	155,313(14)	I	See Footnote ⁽¹⁴⁾		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)														
2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)		ransaction Derivative ode (Instr. Securities			Expiration Da	ate	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	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	Amount or Number of Shares		(Instr. 4)		
\$3.44	12/10/2024		М			140,083	(15)	07/20/2025	Common Stock	140,083	\$0	14,917	D	
\$3.44	12/11/2024		М			14,917	(15)	07/20/2025	Common Stock	14,917	\$0	0	D	
	Conversion or Exercise Price of Derivative Security	Conversion or Exercise Price of Derivative Security \$3.44 12/10/2024	2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Execution Date, if any (Month/Day/Year) \$3.44 12/10/2024	2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) Code (8)	(e.g., puts, call 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) Code V \$3.44 12/10/2024 M	2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Code (Instr. 8) Code (V (A) \$3.44	(e.g., puts, calls, warrants 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) 4. Transaction Code (Instr. 8) 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Code V (A) (D) \$3.44 12/10/2024 M 140,083	(e.g., puts, calls, warrants, options, 2. Conversion or Exercise Price of Derivative Security Security 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) Code V (A) (D) Date Exercisable \$3.44 12/10/2024 M 140,083 (15)	(e.g., puts, calls, warrants, options, converti 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 4. 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Conversion or Exercise Price of Derivative Security Security 3. Transaction Date (Month/Day/Year) 4. Transaction Code (Instr. 8) 4. Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Code V (A) (D) Date Exercisable and Expiration Date (Month/Day/Year) (Instr. 3 and 4) Amount or Number of Securities (Month/Day/Year) Price of Derivative Securities (Month/Day/Year) Code V (A) (D) Date Expiration Date (Month/Day/Year) Amount or Number of Securities (Month/Day/Year) Amount or Number of Securities (Month/Day/Year) 14. 12/10/2024 M 12/10/2024 M 14. 14. 17. (15) 07/20/2025 Common 14. 0.17.	(e.g., puts, calls, warrants, options, convertible securities) 2. Conversion or Exercise Price of Derivative Security Security 3. Transaction Date (Month/Day/Year) 4. Transaction Code (Instr. 8) 4. Transaction Date (Month/Day/Year) Code (Instr. 8) 4. Transaction Date (Month/Day/Year) Code (Instr. 8) 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Date Expiration Date (Month/Day/Year) Code (Instr. 8) Date Expiration Date (Instr. 9) Amount or Number of Shares Sa.44 12/10/2024 M 14917 (15) 07/20/2025 Common 14,917 S0	(e.g., puts, calls, warrants, options, convertible securities) 2. Conversion or Exercise Price of Derivative Security Security \$\begin{array}{cccccccccccccccccccccccccccccccccccc	(e.g., puts, calls, warrants, options, convertible securities) 2. Conversion or Exercise Price of Derivative Security Price of Derivative Security \$\frac{3.\text{Transaction Date}{(Month/Day/Year)}}{\text{Volume of Date}{\text{Volume of Date}{\text{Volume of Derivative}}{\text{Security}}} \text{S. Number of Date Exercisable and Expiration Date (Month/Day/Year)} \text{Volume of Securities}{\text{Volume of Derivative}}{\text{Securities}{\text{Volume of Dorivative}}} \text{Securities}{\text{Volume of Dorivative}}{\text{Securities}{\text{Volume of Dorivative}}} \text{Security}{\text{Volume of Date}{\text{Volume of Olime of Securities}}} \text{Underlying Derivative Security} (Instr. 3) and 4)} \text{Volume of Polime of Security}} \text{Volume of Polime of Security} (Instr. 4)} \text{Volume of Polime of Shares}} \text{Volume of Shares} \text{Volume of Shares}} \text{Volume of Shares}} \text{Volume of Shares} \text{Volume of Shares}} \text{Volume of Shares} \text{Volume of Shares} \text{Volume of Shares}} \text{Volume of Shares} \text{Volume of Shares} \text{Volume of Shares} \text{Volume of Shares} \text{Volume of Shares}} \text{Volume of Shares} Volume of Share

- 1. The shares were sold by the reporting person to cover the exercise price and withholding taxes.
- 2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$59.01 to \$60.00, 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 sold at each separate price within the range set forth in footnote (2) to this Form 4.

- 3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$60.01 to \$61.01, 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 sold at each separate price within the range set forth in footnote (3) to this Form 4.
- 4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$61.03 to \$62.00, 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 sold at each separate price within the range set forth in footnote (4) to this Form 4.
- 5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$62.09 to \$62.52, 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 sold at each separate price within the range set forth in footnote (5) to this Form 4
- 6. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$58.76 to \$59.58, 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 sold at each separate price within the range set forth in footnote (6) to this Form 4.
- 7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$59.91 to \$60.86, 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 sold at each separate price within the range set forth in footnote (7) to this Form 4.
- 8. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$61.00 to \$61.94, 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 sold at each separate price within the range set forth in footnote (8) to this Form 4.
- 9. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$62.00 to \$62.43, 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 sold at each separate price within the range set forth
- 10. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$60.54 to \$61.48, 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 sold at each separate price within the range set forth in footnote (10) to this Form 4
- 11. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$61.55 to \$62.54, 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 sold at each separate price within the range set forth
- 12. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$62.55 to \$63.53, 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 sold at each separate price within the range set forth in footnote (12) to this Form 4.
- 13. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$63.56 to \$64.12, 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 sold at each separate price within the range set forth in footnote (13) to this Form 4.
- 14. 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.
- 15. The shares underlying the option are fully vested and immediately exercisable

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

** 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.