FORM 4

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 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

purchase or sal issuer that is int	e of equity securities of ended to satisfy the nse conditions of Rule Instruction 10.					
1. Name and Addr	ress of Reporting Pers	son [*]	2. Issuer Name and Ticker or Trading Symbol <u>FibroBiologics, Inc.</u> [FBLG]		tionship of Reporting Pers all applicable) Director	10% Owner
	(First) OLOGICS, INC. CAL CENTER BL	(Middle) VD., SUITE 300	3. Date of Earliest Transaction (Month/Day/Year) 03/26/2025	X	Officer (give title below) CHIEF EXECUT	Other (specify below) IVE OFFICER
(Street) HOUSTON, (City)	TX (State)	77598 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv X	idual or Joint/Group Filing Form filed by One Rep Form filed by More tha	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

	2. Transaction Date (Month/Day/Year)	Date, Transaction Code (Instr.					Following Reported	Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
		Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)

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)	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		Transaction(s) (Instr. 4)		
Stock Option (Right to Buy)	\$1.04	03/26/2025		Α		453,000		(1)	03/25/2035	Common Stock	453,000	\$0	453,000	D	

Explanation of Responses:

1. On March 26, 2025, the reporting person was granted an option to purchase 453,000 shares of common stock. One fourth (1/4th) of the option shares shall vest on the one-year anniversary of the grant date, and the remaining balance of the option shares shall vest in 36 equal consecutive monthly installments thereafter until fully vested so long as the reporting person remains in continuous service through such applicable vesting periods.

/s/ Ruben A. Garcia, by Power of	03/28/2025		
Attorney	03/28/2025		
** Signature of Reporting Person	Date		

** Signature of Reporting Person

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.