

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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:	3235-0104
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Niklas Victoria Ninon Olivia</u> (Last) (First) (Middle) <u>C/O FIBROBIOLOGICS, INC.</u> <u>455 E. MEDICAL CENTER BLVD. SUITE 300</u> (Street) <u>HOUSTON TX 77598</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/24/2024</u>	3. Issuer Name and Ticker or Trading Symbol <u>FibroBiologics, Inc. [FBLG]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) <u>02/15/2024</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
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Stock Option (Right to Buy)</u>	<u>(1)</u>	<u>02/16/2033</u>	<u>Common Stock</u>	<u>185,300</u>	<u>2.28</u>	<u>D</u>	
<u>Stock Option (Right to Buy)</u>	<u>(2)</u>	<u>09/25/2032</u>	<u>Common Stock</u>	<u>5,000</u>	<u>3.28</u>	<u>D</u>	

Explanation of Responses:

1. 1/4 of the options vested on January 1, 2024, with the remainder vesting monthly over 36 months.
2. All options vested on September 26, 2023, the one-year anniversary of the date of grant.

Remarks:

This amendment is filed to include stock options in Table II that were inadvertently omitted in the original filing.

/s/ Mark Andersen, by Power of Attorney 08/13/2024

** 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 5 (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.