

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

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|---|---|---|
| 1. Name and Address of Reporting Person* <u>McKew John C.</u> (Last) (First) (Middle) 4200 MARATHON BLVD SUITE 200 (Street) AUSTIN TX 78756 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>LUMOS PHARMA, INC. [(LUMO)]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Scientific Officer</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2023 | |
| | 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 | 04/01/2023 | | F | | 1,036 ⁽¹⁾ | D | \$3.31 | 25,421 ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾ | D | |
| Common Stock | 04/04/2023 | | S ⁽⁷⁾ | | 2,214 | D | \$3.27 ⁽⁸⁾ | 23,207 ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾ | 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 | | | | | |

Explanation of Responses:

- Represents shares of Common Stock withheld by the Issuer in satisfaction of its tax withholding obligation with respect to the vesting of 3,250 previously reported restricted stock units ("RSUs") granted to the Reporting Person.
- Includes 539 RSUs previously reported as holdings of the Reporting Person granted under the Plan. The RSUs will vest, and shares will be delivered to the Reporting Person in a series of two successive annual installments with the next installment occurring on February 1, 2024, provided in each case that the Reporting Person's continuous service to the Issuer has not been terminated as defined in or as determined under the Plan.
- Includes 3,250 RSUs previously reported as holdings of the Reporting Person granted under the Plan. The RSUs will vest, and shares will be delivered to the Reporting Person on April 1, 2024, provided that the Reporting Person's continuous service to the Issuer has not been terminated as defined in or as determined under the Plan.
- Includes 15,000 RSUs previously reported as holdings of the Reporting Person granted under the Plan. The RSUs will vest, and shares will be delivered to the Reporting Person in a series of three successive annual installments with the next installment occurring on August 1, 2023, provided in each case that the Reporting Person's continuous service to the Issuer has not been terminated as defined in or as determined under the Plan.
- Includes 1,125 RSUs previously reported as holdings of the Reporting Person granted under the Plan. The RSUs will vest, and shares will be delivered to the Reporting Person in a series of three successive annual installments with the next installment occurring on February 1, 2024, provided in each case that the Reporting Person's continuous service to the Issuer has not been terminated as defined in or as determined under the Plan.
- Includes 2,000 RSUs previously reported as holdings of the Reporting Person granted under the Plan. The RSUs will vest, and shares will be delivered to the Reporting Person in a series of four successive annual installments with the next installment occurring on February 1, 2024, provided in each case that the Reporting Person's continuous service to the Issuer has not been terminated as defined in or as determined under the Plan.
- The sales reported in this Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the Reporting Person on March 12, 2021, as amended December 6, 2021 and June 3, 2022.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.20 to \$3.33, inclusive. The reporting person undertakes to provide to the issuer, any security holder of issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each price within the ranges set forth in this footnote to this Form 4.

Remarks:

/s/ Ryan Trytten, attorney-in-fact 04/04/2023

** 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.

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