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 purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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| hours per response: | 0.5 | | | | | | | | |

defense conditions of Rule 10b5-1(c). See Instruction 10. 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person* (Check all applicable) Day One Biopharmaceuticals, Inc. [DAWN] York Charles N II Director 10% Owner Officer (give title Other (specify 1 3. Date of Earliest Transaction (Month/Day/Year) below) below) (Last) (First) (Middle) 08/15/2024 COO, CFO AND SECRETARY 2000 SIERRA POINT PARKWAY, SUITE 501 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable (Street) Line) BRISBANE 94005 1 CA Form filed by One Reporting Person Form filed by More than One Reporting Person (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 | 3. Transa Code (| | | | | 5. Amount of Securities Beneficially | 6. Ownership Form: Direct (D) or Indirect | 7. Nature of Indirect Beneficial |
|---------------------------------|--|---|-------------------------|---|--------|---------------|-----------|---|---|--|
| | | (Month/Day/Year) | 8) Code | v | Amount | (A) or (D) | Price | Owned Following Reported Transaction(s) (Instr. 3 and 4) | (I) (Instr. 4) | Ownership (Instr. 4) |
| Common Stock | 08/15/2024 | | М | | 1,375 | Α | (1) | 226,243 | D | |
| Common Stock | 08/15/2024 | | М | | 2,250 | Α | (1) | 228,493 | D | |
| Common Stock | 08/15/2024 | | М | | 6,625 | Α | (1) | 235,118 | D | |
| Common Stock | 08/16/2024 | | S ⁽²⁾ | | 2,633 | D | \$13.9991 | 232,485 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| | (0.9., p, 0.1, 0.1, 0.1 | | | | | | | | | | | | | | |
|---|---|--|---|------------------------------|---|-----|-------|--|--------------------|--|--|---|--|--|--|
| 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. Transa Code (8) | | | | 6. Date Exerc Expiration Da (Month/Day/Y | 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 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 | Amount or Number of Shares | | | | |
| Restricted Stock Unit (RSU) | (1) | 08/15/2024 | | М | | | 1,375 | (3) | (3) | Common Stock | 1,375 | \$ <mark>0</mark> | 6,875 | D | |
| Restricted Stock Unit (RSU) | (1) | 08/15/2024 | | М | | | 2,250 | (3) | (3) | Common Stock | 2,250 | \$ <u>0</u> | 20,250 | D | |
| Restricted Stock Unit (RSU) | (1) | 08/15/2024 | | М | | | 6,625 | (3) | (3) | Common Stock | 6,625 | \$0 | 86,125 | D | |

Explanation of Responses:

1. Each Restricted Stock Unit ("RSU") represents a contingent right to receive one share of the Issuer's Common Stock upon settlement for no consideration.

2. The sale of shares is for the sole purpose of covering the Reporting Person's tax liability with respect to the settlement of RSUs.

3. The RSUs will vest as to 1/16th of the total award in quarterly installments on February 15, May 15, August 15 and November 15, subject to the Reporting Person's provision of service to the Issuer on each vesting date.

** Signature of Reporting Person Date

/s/ Charles N. York II

08/19/2024

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.