FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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## 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

| 1. Name and Address of Reporting Person's  Bender Jeremy                                                           | Requiring<br>(Month/D                                          | 2. Date of Event Requiring Statement (Month/Day/Year) 05/26/2021  3. Issuer Name and Ticker or Trading Symbol  Day One Biopharmaceuticals, Inc. [ DAWN ] |                                                                   |                                  |                                                          |                                                                                                                                                   |                                                     |                                  |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------|
| (Last) (First) (Middle) 395 OYSTER POINT BLVD, SUITE                                                               |                                                                | Relationship of Reporting Person(s) to Issuer (Check all applicable)                                                                                     |                                                                   |                                  | 5. If Amendment, Date of Original Filed (Month/Day/Year) |                                                                                                                                                   |                                                     |                                  |
| (Street) SOUTH SAN FRANCISCO  (City) (State) (Zip)                                                                 |                                                                |                                                                                                                                                          | X Director X Officer (give title below) Chief Execu               |                                  |                                                          | Individual or Joint/Group Filing (Check Applicable Line)      Form filed by One Reporting Person     Form filed by More than One Reporting Person |                                                     |                                  |
| Table I - Non-Derivative Securities Beneficially Owned                                                             |                                                                |                                                                                                                                                          |                                                                   |                                  |                                                          |                                                                                                                                                   |                                                     |                                  |
| 1. Title of Security (Instr. 4)                                                                                    |                                                                |                                                                                                                                                          | 2. Amount of Securities<br>Beneficially Owned (Inst<br>4)         | tr. Form: D                      | n: Direct Own                                            |                                                                                                                                                   | lature of Indirect Beneficial<br>nership (Instr. 5) |                                  |
| Common Stock                                                                                                       |                                                                |                                                                                                                                                          | 1,828,838(1)                                                      | D                                | )                                                        |                                                                                                                                                   |                                                     |                                  |
| 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<br>Expiration Date<br>(Month/Day/Year) |                                                                                                                                                          | 3. Title and Amount of S<br>Underlying Derivative S<br>(Instr. 4) |                                  | rity Convers                                             |                                                                                                                                                   | se Form:                                            | 6. Nature of Indirect Beneficial |
|                                                                                                                    | Date<br>Exercisable                                            | Expiration<br>Date                                                                                                                                       | Title                                                             | Amount or<br>Number of<br>Shares | Price of<br>Derivative<br>Security                       |                                                                                                                                                   | Direct (D)<br>or Indirect<br>(I) (Instr. 5)         | Ownership (Instr.<br>5)          |
| Stock Option (right to buy<br>Common Stock)                                                                        | (2)                                                            | 05/22/2031                                                                                                                                               | Common Stock                                                      | 27,150                           | 16                                                       |                                                                                                                                                   | D                                                   |                                  |
| Stock Option (right to buy<br>Common Stock)                                                                        | (3)                                                            | 05/22/2031                                                                                                                                               | Common Stock                                                      | 308,284                          | 16                                                       |                                                                                                                                                   | D                                                   |                                  |
| Stock Option (right to buy<br>Common Stock)                                                                        | (4)                                                            | 05/22/2031                                                                                                                                               | Common Stock                                                      | 1,127,700                        | 16                                                       |                                                                                                                                                   | D                                                   |                                  |

## **Explanation of Responses:**

- 1. Certain of the shares are subject to the Issuer's right of repurchase if underlying vesting conditions are not met.
- 2. The option vests as to 25% of the total shares on October 6, 2021 and then 2.0833% of the total shares vest monthly thereafter, with 100% of the total shares vested on October 6, 2024, subject to the Reporting Person's provision of service to the Issuer on each vesting date.
- 3. The option vests as to 25% of the total shares on April 6, 2022 and then 2.0833% of the total shares vest monthly thereafter, with 100% of the total shares vested on April 6, 2025, subject to the Reporting Person's provision of service to the Issuer on each vesting date.
- 4. The option vests as to 25% of the total shares on May 23, 2022 and then 2.0833% of the total shares vest monthly thereafter, with 100% of the total shares vested on May 23, 2025, subject to the Reporting Person's provision of service to the Issuer on each vesting date.

## Remarks:

/s/ Jeremy Bender

05/26/2021

\*\* Signature of Reporting

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.

KNOW ALL BY THESE PRESENTS, that the undersigned hereby constitutes and appoints Charles N. York II, a true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as a representative of Day One Biopharmaceuticals, Inc. (the "Company"), any and all Form 3, 4 or 5 reports required to be filed by the undersigned in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended ("Exchange Act"), and the rules thereunder with respect to transactions in securities of the Company;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 report and timely file such report with the U.S. Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney in-fact on behalf of the undersigned, pursuant to this Power of Attorney, shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in her/his discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform each and every act and thing whatsoever requisite, necessary and proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or her/his substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that no such attorney in-fact, in serving in such capacity at the request of the undersigned, is hereby assuming, nor is the Company hereby assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Form 3, 4 or 5 reports with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of May 12, 2021.

/s/ Jeremy Bender