

| OMB APPROVAL | |
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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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

| | | |
|---|--|---|
| 1. Name and Address of Reporting Person* <u>Leprout Emily M.</u> (Last) (First) (Middle) C/O TWIST BIOSCIENCE CORPORATION 681 GATEWAY BLVD. (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Twist Bioscience Corp [TWST]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President & CEO |
| | 3. Date of Earliest Transaction (Month/Day/Year) 12/31/2021 | |
| 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 | 12/31/2021 | | M | | 11,533 | A | \$5.95 | 187,941 | D | |
| Common Stock | 12/31/2021 | | M | | 11,348 | A | \$8.82 | 199,289 | D | |
| Common Stock | 01/03/2022 | | F | | 700 ⁽¹⁾ | D | \$77.39 | 198,589 | 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 | | | | | | Title |
| Employee Stock Option (right to buy) | \$5.95 | 12/31/2021 | | M | | 11,533 | | (2) | 09/28/2025 | Common Stock | 11,533 | \$0 | 24,360 | D | |
| Employee Stock Option (right to buy) | \$8.82 | 12/31/2021 | | M | | 11,348 | | (3) | 09/28/2027 | Common Stock | 11,348 | \$0 | 151,165 | D | |
| Employee Stock Option (right to buy) | \$26.66 | | | | | | | (4) | 11/18/2028 | Common Stock | 0 | | 266,539 | D | |
| Employee Stock Option (right to buy) | \$23.33 | | | | | | | (5) | 10/23/2029 | Common Stock | 0 | | 131,290 | D | |

Explanation of Responses:

- Represents shares withheld by the Issuer to satisfy the Reporting Person's tax withholding obligation in connection with the vesting of certain Restricted Stock Units ("RSUs") previously granted to the Reporting Person. Such withholding is exempt from Section 16(b) pursuant to Rule 16b-3(e).
- The option is immediately exercisable. 25% of the shares subject to the option vested on September 1, 2016 and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
- The option is immediately exercisable. 10% of the shares subject to the option vested on September 28, 2017, 15% of the shares subject to the option vested on September 28, 2018, and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
- 20% of the shares subject to the option vested and became exercisable on October 31, 2019 and 1/60th of the shares subject to the option vest and become exercisable on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
- 25% of the shares subject to the option vested on October 24, 2020, and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.

Remarks:

/s/ William Solis, as Attorney-in-Fact for Emily M. Leprout 01/04/2022
 ** 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.

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.