FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, [ | D.C. 20549 |
|---------------|------------|
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*  Learney Employ M.                      |   |         |   |           | 2. Issuer Name and Ticker or Trading Symbol Twist Bioscience Corp [ TWST ]  |   |  |       |   |  |                                       |        |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |  |  |   |            |
|---|---|---------|---|-----------|---|---|--|-------|---|--|---------------------------------------|--------|---|---|--|--|--|---|------------|
| <u>Leproust Emily M.</u>  |   |         |   |           |   |   |  |       |   |  |                                       |        |   | X Direc   | tor 10% (                                  |  | 10% Ov   | vner  |            |
| (Last)  | (Fi   | rst) (N | /liddle)                                |           | 2 Do  | 2 Sala (Falla ) Tanasalian (Maril (Salaka)                  |  |       |   |  |                                       |        |   |   | X Office below                             | er (give title<br>v)   |  | Other (s<br>below)                                  | specify    |
| C/O TWIST BIOSCIENCE CORPORATION  |   |         |   |           |   | 3. Date of Earliest Transaction (Month/Day/Year) 01/22/2021 |  |       |   |  |                                       |        |   | President & CEO   |  |  |  |   |            |
| 681 GATEWAY BLVD.   |   |         |   |           |   |   |  |       |   |  |                                       |        |   |   |  |  |  |   |            |
| OUT GITTEWITT BEVD.   |   |         |   |           |   |   |  |       |   |  |                                       |        |   | ļ   |  |  |  |   |            |
| (Street)  |   |         |   |           |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |  |       |   |  |                                       |        | 6. Individual or Joint/Group Filing (Check Applicable Line) |   |  |  |  |   |            |
| SOUTH   | SAN CA  | ١       | 4080                                    |           |   |   |  |       |   |  |                                       |        |   | X Form filed by One Reporting Person                                    |  |  |  |   |            |
| FRANCI  | SCO CA  | 1 9     | 4000                                    |           |   |   |  |       |   |  |                                       |        |   | Form filed by More than One Reporting                                   |  |  |  |   |            |
|   |   |         |   |           |   |   |  |       |   |  |                                       |        |   |   | Pers                                       | on   |  | •   | ·          |
| (City)  | (St   | ate) (Z | Zip)                                    |           |   |   |  |       |   |  |                                       |        |   |   |  |  |  |   |            |
|   |   | Table   | I - No                                  | n-Deriva  | tive S  | Secui   | rities   | Acc   | uired   | l, Dis   | posed of                              | , or E | Bene  | ficia   | lly Own                                    | ed   |  |   |            |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/              |   |         |   |           | Execution /Year) if any   |   | eemed<br>ition Date,<br>h/Day/Year)                            |       | 3. Transaction Code (Instr. 8)  4. Securities Disposed O 5) |  | s Acquired (A)<br>If (D) (Instr. 3, 4 |        | ) or<br>4 and   | Securi<br>Benefi<br>Owner   | ecurities<br>eneficially<br>vned Following |  | n: Direct<br>or Indirect<br>ostr. 4)                               | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |            |
|   |   |         |   |           |   |   |  |       | Code  | v  | Amount                                | (A) o  | PI PI   | rice  |  | r. 3 and 4)  |  |   | (Instr. 4) |
| Common Stock 01/22/20   |   |         |   |           | .021  |   |  |       | F   |  | 1,008(1)                              | D      | \$  | 190.6   | 395,188                                    |  |  | D   |            |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |         |   |           |   |   |  |       |   |  |                                       |        |   |   |  |  |  |   |            |
|   |   |         |   | (e.g., pu | its, ca   | alls, v   | varra  | ants, | optio   | ns, e  | convertib                             | le se  | curit   | ties)   |  |  |  |   |            |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                           | ive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any |         | 4.<br>Transaction<br>Code (Instr.<br>8) |           | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |   | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |       |   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr<br>3 and 4) |                                       |        | 3. Price of<br>Derivative<br>Security<br>(Instr. 5)         |   |  | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |            |
|   |   |         |   |           | Code  | v   | (A)  | (D)   | Date<br>Exerci  | sable  | Expiration<br>Date                    | Title  | Amo<br>or<br>Num<br>of<br>Shar                              | ber   |  |  |  |   |            |

## **Explanation of Responses:**

1. 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).

## Remarks:

/s/ William Solis, as Attorneyin-Fact for Emily M. Leproust

01/26/2021

\*\* 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.