FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| Washington, D.C. 20549 |  |
|------------------------|--|
|------------------------|--|

| OMB API     | 2R( | OVAL      |
|-------------|-----|-----------|
| OMB Number: |     | 3235-0287 |
|             |     |           |

| 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 defense conditions of Rule 10b5Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  | OND ALL ROW              | \L      |
|--|--------------------------|---------|
| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP                           | OMB Number: 323          | 35-0287 |
|  | Estimated average burden |         |
| Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 | hours per response:      | 0.5     |

| 1. Name ar   | nd Address of   | Reporting Person*                   |        |  |         |  |         |   |                |           |   |         |  |   |  |   | g Person(s) to                                      | Issuer |
|--|---|-------------------------------------|--------|--|---------|--|---------|---|----------------|-----------|---|---------|--|---|--|---|---|--------|
| Green Paula  |   |                                     |        | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  Twist Bioscience Corp [ TWST ] |         |  |         |   |                |           |   | - (     | (Check                                 | all app<br>Direc  | ,  | 10% C   | Owner   |        |
|  |   |                                     |        |  |         |  |         |   |                |           |   |         |  | 1   |  |   | Other (specify below)                               |        |
| (Last)   | 3. Date of Earliest Transaction (Month/Day/Year)                      |                                     |        |  |         |  |         |   |                |           |   | ,       | an Resources                           | ,   |  |   |   |        |
|  |   | CIENCE CORPO                        | RATI   | ON   | 11/0    | 4/202  | .4      |   |                |           |   |         |  |   |  |   |   |        |
| 681 GA1  | TEWAY BL  | VD.                                 |        |  |         |  |         |   |                |           |   |         | _                                      |   |  |   |   |        |
| (Street)   |   |                                     |        |  | 4. If a | Amend  | ment, [ | Date (  | of Origir      | nal File  | ed (Month/Da  | y/Year) |  | 6. Indi <sup>,</sup><br>Line)                                 | vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person                                    |   |   |        |
| SOUTH  | (')   | A 9                                 | 4080   |  | 1       |  |         |   |                |           |   |         |  | 1   |  |   |   |        |
| FRANCI   | ISCO  |                                     |        |  |         |  |         |   |                |           |   |         |  |   | Form filed by More than One Reporting<br>Person  |   |   |        |
| (City)   | (St   | ate) (2                             | Zip)   |  |         |  |         |   |                |           |   |         |  |   |  |   |   |        |
|  |   | Table                               | I - No | on-Deriva  | tive    | Secu   | rities  | Acc   | quirec         | l, Di     | sposed of   | , or Be | enefic                                 | cially  | Own  | ed  |   |        |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/ |   |                                     |        | Execution Date,  |         |  |         | 3.<br>Transaction<br>Code (Instr. 8)  4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4) |                |           |   |         |  | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following |  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |        |
|  |   |                                     |        |  |         |  |         | Code  | v              | Amount    | (A) or<br>(D)   | Price   | )                                      | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                |  |   | (Instr. 4)  |        |
| Common   | Stock   |                                     |        | 11/04/20   | 024     |  |         | A   |                | 30,000(1) | A   | \$      | \$0 1                                  |   | 4,585  | D   |   |        |
| Common   | Stock   |                                     |        | 11/04/20   | )24     |  | A       |   | 7,485(1)       | A         | \$  | \$0 122 |  | 22,070  | D  |   |   |        |
| Common   | Stock   |                                     |        | 11/04/20   | )24     |  |         | S   |                | 1,057(2)  | D   | \$41    | .564                                   | 4 121,013   |  | D   |   |        |
|  |   | Tal                                 | ble II |  |         |  |         |   |                |           | osed of, o  |         |  |   | Owne   | d   |   |        |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | on Date E<br>se (Month/Day/Year) if | Execu  | eemed<br>ution Date,<br>h/Day/Year)  |         | 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<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (In<br>3 and 4) |         | Der<br>Sed<br>(Ins                     | Price of<br>erivative<br>ecurity<br>nstr. 5)                  | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4  | Benefic<br>Owners<br>(Instr. 4                      |        |
|  |   |                                     |        |  | Code    | V  | (A)     | (D)   | Date<br>Exerci | iaabla    | Expiration<br>Date  |         | Amount<br>or<br>Number<br>of<br>Shares |   |  |   |   |        |

- 1. Represents performance stock units for which target criteria was determined to have been met on November 4, 2024. 60% of the PSUs remain subject to time-based vesting and will vest on October 1,2025, subject to continued service or acceleration of vesting as provided in the award agreement.
- 2. Represents the number of shares required to be sold by the Reporting Person to cover tax withholding obligations in connection with the vesting of Restricted Stock Units. These sales are mandated by the Issuer's election under its equity incentive plans to require the satisfaction of a tax withholding obligation to be funded by a "sell to cover" transaction and do not represent discretionary trades by the Reporting Person

## Remarks:

/s/ Dennis Cho, as Attorneyin-Fact for Paula Green

11/06/2024

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.