| rm 4<br>FORM   | <u>л</u> I   | JNITE   | ) STA  | TES  | S SF   | CUF   | RITI   | ES AN  | ID F  | ХСНА   | NGF   | co  | ммі   | SSION   |  |  |  |                                    |  |
|--|--|---|--|--|--|---|--|--|---|--|---|---|---|---|--|--|--|------------------------------------|--|
| FORM 4 ONTED STATES SECONTIES AND EXCHANGE CON<br>Washington, D.C. 20549         |  |   |  |  |  |   |  |  |   |  |   |   |   |   |  | OMB APPROVAL   |  |                                    |  |
| Section 16. Form 4 or Form 5<br>obligations may continue. See                    |  |   |  |  |  |   | I pursuant to Section 16(a) of the Securities Exchange Act of 1934   |  |   |  |   |   |   |   |  | CMB Number: 3235-<br>Estimated average burden<br>hours per response:   |  |                                    |  |
| 1. Name and Address of Reporting Person*<br><u>Leproust Emily M.</u>             |  |   |  |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>Twist Bioscience Corp</u> [ TWST ]  |   |  |  |   |  |   |   |   | 5. Relationship of Repo<br>(Check all applicable)<br>X Director   |  |  |  |                                    |  |
| (Last) (First) (Middle)<br>C/O TWIST BIOSCIENCE CORPORATION<br>681 GATEWAY BLVD. |  |   |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>02/18/2022   |   |  |  |   |  |   |   |   | X Officer (give title Other (speci<br>below) below)<br>President & CEO  |  |  |  |                                    |  |
| (Street)<br>SOUTH SAN<br>FRANCISCO CA 94080<br>(City) (State) (Zip)              |  |   |  | 4. If  |  |   |  |  |   |  |   |   |   | <ul> <li>Individual or Joint/Group Filing (Check Applicable ine)</li> <li>X Form filed by One Reporting Person</li> <li>Form filed by More than One Reporting Person</li> </ul> |  |  |  |                                    |  |
| (5   | ,  |   | Doriv  |  |  |   |  | auirod   | Die   | nocod  | of or F   | 2000  | ficial  |   | 4  |  |  |                                    |  |
| 1. Title of Security (Instr. 3) 2. Transac<br>Date                               |  |   |  | action   | tion 2A. Deemed Execution Date,  |   |  | , 3.<br>Transaction<br>Code (Instr.  |   | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4   |   |   | ) or  | 5. Amou<br>Securitie<br>Benefici<br>Owned I   | int of<br>es<br>ally<br>Following  | Form: Direct<br>(D) or Indirec   |  | Ownership                          |  |
|  |  |   |  |  |  |   |  | Code   | v   | Amount   | ount (A) or (D) Pri   |   | Price   | Transac   | saction(s)   |  |  | (Instr. 4)                         |  |
| Common Stock 02/18/  |  |   |  |  | 2022   |   | F  |  | 2,837 <sup>(1)</sup> D  |  |   | \$53.2  | 1 194   | 4,165   |  | D  |  |                                    |  |
|  | Т  |   |  |  |  |   |  |  |   |  |   |   |   | Owned   |  |  |  |                                    |  |
| 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security            | 3. Transaction<br>Date<br>(Month/Day/Year)   | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  |  |  | 5. Number<br>on of  |  | -  |   | able and   | e and 7. Title and<br>Amount of<br>Securities<br>Underlying   |   | urity   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported                           | s<br>Ily   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4)   | Beneficia<br>Ownersh<br>(Instr. 4) |  |
|  |  |   |  | Code   | v  | (A)   | (D)  | Date<br>Exercisal  |   |  | Title   | or<br>Nu<br>of  | mber  |   |  |  |  |                                    |  |
| \$5.95   |  |   |  |  |  |   |  | (2)  | C   | 9/28/2025  |   | n   | 0   |   | 24,360   | D  | D  |                                    |  |
| \$8.82   |  |   |  |  |  |   |  | (3)  | C   | 9/28/2027  |   | n   | 0   |   | 150,87   | 9  | D  |                                    |  |
| \$26.66  |  |   |  |  |  |   |  | (4)  | 1   | 1/18/2028  |   | n   | 0   |   | 266,53   | 9  | D  |                                    |  |
| \$23.33  |  |   |  |  |  |   |  | (5)  | 1   | .0/23/2029   |   | n   | 0   |   | 131,29   | 10   | D  |                                    |  |
|  | FORM this box if no le n 16. Form 4 o tions may conti tion 1(b). (F TST BIOSC TEWAY BL SAN ISCO (S Security (Ins Security (Ins Security) Security (Security) (Securit | FORM 4  | FORM 4 UNITED<br>This box if no longer subject to<br>n 16. Form 4 or Form 5<br>tions may continue. See<br>tion 1(b).<br>Address of Reporting Person*<br>IST Emily M.<br>(First) (Middle)<br>TST BIOSCIENCE CORPORATION<br>TEWAY BLVD.<br>SAN<br>ISCO CA 94080<br>(State) (Zip)<br>Table 1 - Nor<br>Security (Instr. 3)<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock<br>Stock | FORM 4 UNITED STATEME<br>this box if no longer subject to<br>n 46. Form 4 or Form 5<br>tions may continue. See<br>tion 1(b). File<br>INDED SCIENCE CORPORATION<br>TEWAY BLVD.<br>SAN<br>ISCO CA 94080<br>(State) (Zip)<br>Table I - NON-Deriv<br>Security (Instr. 3)<br>2. Transaction<br>or Exercise<br>Price of<br>Derivative<br>Security State<br>S5.95<br>S5.95<br>S8.82<br>S8.82<br>S26.66<br>S26.66<br>S26.66<br>S8.82<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66<br>S26.66 | FORM 4 UNITED STATES<br>this box if no longer subject to<br>1 d. Form 4 or Form 5<br>tion 1(b). Filed pures<br>tion 1(b). Filed pures<br>(First) (Middle)<br>TST BIOSCIENCE CORPORATION<br>TEWAY BLVD. 4. If<br>SAN 1SCO CA 94080<br>(State) (Zip) (A)<br>Filed pures<br>Security (Instr. 3) 2. Transaction<br>Date<br>for earrise<br>Price of<br>Price of<br>Security (Instr. 3) 3. Transaction<br>Date<br>Price of<br>Security (Month/Day/Year) 34. Deemed<br>Execution Date,<br>for any (Month/Day/Year) filed pures<br>(Month/Day/Year) filed pures<br>Stock Code<br>S5.95 1 | FORM 4       UNITED STATES SET         STATEMENT OF or m 5 tons may continue. See to room 5 tons may continue to room 5 tons may contend to room 5 tons may continue to room 5 | FORM 4       UNITED STATES SECUR         STATEMENT OF CHAR<br>IS to or part of Form 5<br>tors may continue. See<br>ition 1(0).         Teled pursuant to Sect<br>or Section 30(n         Ind Address of Reporting Person*<br>IST EIDOSCIENCE CORPORATION<br>TEWAY BLVD.         SAN<br>ISCO       CA       94080         (State)       (Zip)       4. If Amendment<br>Date<br>(Month/Day/Year)         Security (Instr. 3)         2 Stock       02/18/2022         Table 1 - NON-Dertvative Securities<br>(e.g., puts, culture, wathout the<br>part of Month/Day/Year)         2 Stock       02/18/2022         Table 11 - Dertvative Securities<br>(e.g., puts, culture, wathout the<br>part of Month/Day/Year)         2 Conversion<br>Or Exercise<br>Price of<br>Derivative<br>Security       3. Transaction<br>Date<br>(Month/Day/Year)       4. Transaction<br>Date<br>(Month/Day/Year)       5. No<br>Code (Instr. 3)         3 State I - Derivative<br>(e.g., puts, culture, wathout the<br>pervative<br>Security       5. No<br>Code (Instr. 3)       5. No<br>Code (Instr. 3)         2 Stock       02/18/2022       02/18/2022       0         2 Stock       02/18/2022       0       0         2 Stock       02/18/2022       0       0         2 Stock       02/18/2022       0       0       0         2 Stock       02/18/2022       0       0       0 <td>FORM 4       UNITED STATES SECURITI         STATEMENT OF CHANGE         STATEMENT OF Section 30 (h) of the or sectin 30 (h) of the or section 30 (h) of the or section 30 (h) of the</td> <td>FORM 4       UNITED STATES SECURITES AN Washington, D.1.21 Form 4 or Form 5 scient 100.         STATEMENT OF CHAUSES IN         State of a constraint of section 136(4) of the 3 scient 100.         State of a constraint of section 136(4) of the 3 scient 100.         Add Address of Reporting Person'         State of section 136(4) of the 3 science C Corporation 100 of the investme         State of Earliest Transaction (0.2118/2022         Table 1 - Non-Derivative Securities Acquired, 1 (e.g., puts, calls, warrants, option 100 of the 100</td> <td>FORM 4       DISTRICT OF CHANCES IN DET         STATEMENT OF CHANCES IN DET         Iste pursuant to Section 16(a) of the Securitor of Section 30(d) of the Investment Consolution of the Investment Consolution</td> <td>Summa program and progr</td> <td>State         Control         <thcontrol< th=""> <thcontrol< th=""> <thcon< td=""><td><form>         Standard       State of an alteration of alteralalteraticon of alteration of alteralalteration of alt</form></td><td><form><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></form></td><td>SAN         CA         94080         1         2.160 error dot 00000000000000000000000000000000000</td><td>Solution       CAL       Solution       Control Contro Control Control Contro Control Control Contro</td><td>Second with stages after the second with stages and stages after the second with stages after the se</td><td></td></thcon<></thcontrol<></thcontrol<></td> | FORM 4       UNITED STATES SECURITI         STATEMENT OF CHANGE         STATEMENT OF Section 30 (h) of the or sectin 30 (h) of the or section 30 (h) of the or section 30 (h) of the | FORM 4       UNITED STATES SECURITES AN Washington, D.1.21 Form 4 or Form 5 scient 100.         STATEMENT OF CHAUSES IN         State of a constraint of section 136(4) of the 3 scient 100.         State of a constraint of section 136(4) of the 3 scient 100.         Add Address of Reporting Person'         State of section 136(4) of the 3 science C Corporation 100 of the investme         State of Earliest Transaction (0.2118/2022         Table 1 - Non-Derivative Securities Acquired, 1 (e.g., puts, calls, warrants, option 100 of the 100 | FORM 4       DISTRICT OF CHANCES IN DET         STATEMENT OF CHANCES IN DET         Iste pursuant to Section 16(a) of the Securitor of Section 30(d) of the Investment Consolution | Summa program and progr | State         Control         Control <thcontrol< th=""> <thcontrol< th=""> <thcon< td=""><td><form>         Standard       State of an alteration of alteralalteraticon of alteration of alteralalteration of alt</form></td><td><form><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></form></td><td>SAN         CA         94080         1         2.160 error dot 00000000000000000000000000000000000</td><td>Solution       CAL       Solution       Control Contro Control Control Contro Control Control Contro</td><td>Second with stages after the second with stages and stages after the second with stages after the se</td><td></td></thcon<></thcontrol<></thcontrol<> | <form>         Standard       State of an alteration of alteralalteraticon of alteration of alteralalteration of alt</form> | <form><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></form>                       | SAN         CA         94080         1         2.160 error dot 00000000000000000000000000000000000 | Solution       CAL       Solution       Control Contro Control Control Contro Control Control Contro | Second with stages after the second with stages and stages after the second with stages after the se |                                    |  |

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).

2. 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.

3. 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.

4. 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.

5. 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-02/23/2022 in-Fact for Emily M. Leproust \*\* Signature of Reporting Person Date

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

 $\ast$  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.