

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

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

1. Name and Address of Reporting Person* THORBURN JAMES M (Last) (First) (Middle) C/O TWIST BIOSCIENCE CORPORATION 455 MISSION BAY BOULEVARD SOUTH (Street) SAN FRANCISCO CA 94158 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Twist Bioscience Corp [TWST]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) Chief Financial Officer
	3. Date of Earliest Transaction (Month/Day/Year) 08/16/2019	
	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	08/16/2019		M		6,500	A	\$11.59	45,502	D	
Common Stock	08/16/2019		S		3,000	D	\$29.469	42,502	D	
Common Stock	08/16/2019		S		1,500	D	\$29.6	41,002	D	
Common Stock	08/16/2019		S		1,000 ⁽¹⁾	D	\$29.581 ⁽²⁾	40,002	D	
Common Stock	08/16/2019		S		1,000 ⁽¹⁾	D	\$29.509 ⁽³⁾	39,002	D	
Common Stock	08/19/2019		M		3,500	A	\$11.59	42,502	D	
Common Stock	08/19/2019		S		1,000 ⁽¹⁾	D	\$30.396 ⁽⁴⁾	41,502	D	
Common Stock	08/19/2019		S		500	D	\$30.312	41,002	D	
Common Stock	08/19/2019		S		500	D	\$30.144	40,502	D	
Common Stock	08/19/2019		S		500	D	\$30.466	40,002	D	
Common Stock	08/19/2019		S		250	D	\$30.456	39,752	D	
Common Stock	08/19/2019		S		500	D	\$30.25	39,252	D	
Common Stock	08/19/2019		S		250	D	\$30.454	39,002	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)	\$11.59	08/16/2019		M			6,500	(5)	06/06/2028	Common Stock	6,500	\$0.00	170,249	D	
Employee Stock Option (right to buy)	\$11.59	08/19/2019		M			3,500	(5)	06/06/2028	Common Stock	3,500	\$0.00	166,749	D	

Explanation of Responses:

- Represents the aggregate of sales effected on the same day at different prices.
- Represents the weighted average sales price per share. The shares sold at prices ranging from \$29.53 to \$29.67 per share. Full information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.
- Represents the weighted average sales price per share. The shares sold at prices ranging from \$29.44 to \$29.59 per share. Full information regarding the number of shares sold at each price shall be provided

upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

4. Represents the weighted average sales price per share. The shares sold at prices ranging from \$30.39 to \$30.45 per share. Full information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

5. The option is immediately exercisable. 25% of the shares subject to the option vested on April 23, 2019, 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

08/20/2019

** 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.