

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
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

1. Name and Address of Reporting Person* <u>ARCH Venture Partners VIII, LLC</u> (Last) (First) (Middle) 8755 W. HIGGINS ROAD SUITE 1025 (Street) CHICAGO IL 60631 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/30/2018	3. Issuer Name and Ticker or Trading Symbol <u>Twist Bioscience Corp [TWST]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(1)	(1)	Common Stock	1,182,645	(1)	I	By Arch Venture Fund VII, L.P. ⁽²⁾⁽³⁾
Series B Preferred Stock	(1)	(1)	Common Stock	718,275	(1)	I	By Arch Venture Fund VII, L.P. ⁽²⁾⁽³⁾
Series C Preferred Stock	(1)	(1)	Common Stock	266,776	(1)	I	By Arch Venture Fund VII, L.P. ⁽²⁾⁽³⁾
Series D Preferred Stock	(1)	(1)	Common Stock	224,726	(1)	I	By Arch Venture Fund VII, L.P. ⁽²⁾⁽³⁾
Series D Preferred Stock	(1)	(1)	Common Stock	894,146	(1)	I	By ARCH Venture Fund VIII Overage, L.P. ⁽³⁾⁽⁴⁾

1. Name and Address of Reporting Person*
ARCH Venture Partners VIII, LLC
 (Last) (First) (Middle)
 8755 W. HIGGINS ROAD
 SUITE 1025
 (Street)
 CHICAGO IL 60631
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
NELSEN ROBERT
 (Last) (First) (Middle)
 C/O ARCH VENTURE PARTNERS
 8755 W. HIGGINS RD, SUITE 1025
 (Street)
 CHICAGO IL 60631
 (City) (State) (Zip)

1. Name and Address of Reporting Person*

[ARCH Venture Fund VII, L.P.](#)

(Last) (First) (Middle)

8755 W. HIGGINS ROAD
SUITE 1025

(Street)

CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[ARCH Venture Fund VIII Overage, L.P.](#)

(Last) (First) (Middle)

C/O ARCH VENTURE PARTNERS VIII, LLC
8755 W. HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[ARCH Venture Partners VII, L.P.](#)

(Last) (First) (Middle)

8755 W. HIGGINS ROAD
SUITE 1025

(Street)

CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[ARCH Venture Partners VII, LLC](#)

(Last) (First) (Middle)

8755 W. HIGGINS ROAD
SUITE 1025

(Street)

CHICAGO IL 60631

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[BYBEE CLINTON](#)

(Last) (First) (Middle)

C/O ARCH VENTURE PARTNERS VIII, LLC
8755 W. HIGGINS ROAD, SUITE 1025

(Street)

CHICAGO IL 60631

(City) (State) (Zip)

Explanation of Responses:

1. The Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock and Series D Preferred Stock have no expiration date and automatically convert into Common Stock on a 1:1 basis immediately prior to the closing of the Issuer's initial public offering.
2. The shares are directly held by ARCH Venture Fund VII, L.P. ("ARCH Fund VII"). The sole general partner of ARCH Fund VII is ARCH Venture Partners VII, L.P. ("ARCH Partners VII"), which may be deemed to be the beneficial owner of the shares held by ARCH Fund VII. The sole general partner of ARCH Partners VII is ARCH Venture Partners VII, LLC ("ARCH VII LLC"), which may be deemed to be the beneficial owner of the shares held by ARCH Fund VII. ARCH Partners VII and ARCH VII LLC disclaim beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
3. Clinton Bybee and Robert Nelsen are managing directors of ARCH VII LLC and AVP G PLLC, and they may be deemed to beneficially own the shares held by ARCH Fund VII and ARCH Overage. Messrs. Bybee and Nelsen disclaim beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
4. The shares are directly held by ARCH Venture Fund VIII Overage, L.P. ("ARCH Overage"). The sole general partner of ARCH Overage is ARCH Venture Partners VIII, LLC ("AVP G PLLC"), which may be deemed to be the beneficial owner of the shares held by ARCH Overage. AVP G PLLC disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

Remarks:

Exhibit 24.1: Power of Attorney. Not included as a joint filer to this Form 3 is Keith Crandell who is filing his own separate Form 3.

<u>/s/ ARCH Venture Partners VIII, LLC By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ Robert Nelsen, By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ ARCH Venture Fund VII, L.P. By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ ARCH Venture Fund VIII Overage, L.P. By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ ARCH Venture Partners VII, L.P. By: /s/ Mark McDonnell/s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ ARCH Venture Partners VII, LLC By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>
<u>/s/ Clinton Bybee, By: /s/ Mark McDonnell, as Attorney-in-Fact</u>	<u>10/30/2018</u>

** 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 5 (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.