

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person * JACOBS CINDY			2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ EVP, CMO		
(Last) (First) (Middle) 19820 NORTH CREEK PARKWAY, SUITE 201			3. Date of Earliest Transaction (Month/Day/Year) 08/01/2017					
(Street) BOTHELL, WA 98011			4. If Amendment, Date Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)			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								7,975 (1)	D	

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

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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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit (RSU)	(2)	08/01/2017		A		54,800	(3)	08/01/2021(4)	Common Stock	54,800	\$ 0	54,800	D	
Stock Option (right to buy)	\$ 4.57	08/01/2017		A		274,000	(5)	08/01/2027	Common Stock	274,000	\$ 0	274,000	D	
Stock Option (right to buy)	\$ 245.08 (1)						(6)	12/31/2019	Common Stock	1,090 (1)		1,090	D	
Stock Option (right to buy)	\$ 175.67 (1)						(6)	12/14/2020	Common Stock	1,818 (1)		1,818	D	
Stock Option (right to buy)	\$ 143 (1)						(6)	05/08/2022	Common Stock	1,363 (1)		1,363	D	
Stock Option (right to buy)	\$ 131.45 (1)						(6)	03/12/2023	Common Stock	1,818 (1)		1,818	D	
Stock Option (right to buy)	\$ 129.69 (1)						(7)	03/14/2024	Common Stock	2,272 (1)		2,272	D	

Stock Option (right to buy)	\$ 20.46 (1)						(8)	05/19/2025	Common Stock	3,409 (1)		3,409	D	
Restricted Stock Unit (RSU)	(2)						(9)	04/01/2018	Common Stock	284 (1)		284	D	
Restricted Stock Unit (RSU)	(2)						(10)	06/12/2018	Common Stock	454 (1)		454	D	
Restricted Stock Unit (RSU)	(2)						(11)	05/19/2019	Common Stock	852 (1)		852	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
JACOBS CINDY 19820 NORTH CREEK PARKWAY, SUITE 201 BOTHHELL, WA 98011			EVP, CMO	

Signatures

Sandra Thomson as attorney-in-fact for Cindy Jacobs		08/03/2017
<small>**Signature of Reporting Person</small>		<small>Date</small>

Explanation of Responses:

- * 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).
- (1) Reflects the 11-for-1 reverse stock split effected on August 1, 2017 immediately following the merger between OncoGenex Pharmaceuticals, Inc. and Achieve Life Science, Inc.
- (2) Each RSU represents a contingent right to receive one share of the issuer's common stock at settlement.
- (3) Pursuant to the terms of the RSU, 25% of the total shares underlying the RSU vest annually on the later of (i) each anniversary of August 1, 2017 and (ii) the first day thereafter during which the issuer's trading window is open.
- (4) The RSUs expire 30 days from the date they vest.
- (5) The options vest as to 25% on August 1, 2018 and thereafter in monthly installments over 36 months.
- (6) The options are fully vested and exercisable.
- (7) The options vest in monthly installments over 48 months commencing one month from January 1, 2014.
- (8) The options vest in monthly installments over 48 months commencing one month from January 1, 2015.
- (9) Pursuant to the terms of the RSU, 25% of the total shares underlying the RSU vest annually on the later of (i) each anniversary of January 1, 2014 and (ii) the first day thereafter during which the issuer's trading window is open.
- (10) Pursuant to the terms of the RSU, 25% of the total shares underlying the RSU vest annually on the later of (i) each anniversary of June 12, 2014 and (ii) the first day thereafter during which the issuer's trading window is open.
- (11) Pursuant to the terms of the RSU, 25% of the total shares underlying the RSU vest annually on the later of (i) each anniversary of January 1, 2015 and (ii) the first day thereafter during which the issuer's trading window is open.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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