

FORM 4

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

OMB APPROVAL	
OMB Number:	3235-0287
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 * Clarke Anthony		2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Scientific Officer	
(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	08/01/2017		A		6,364,335	A	(1)	6,364,335	D	
Common Stock	08/01/2017		A		4,242,890	A	(2)	4,242,890	I	By Spouse
Common Stock	08/01/2017		A		6,364,335	A	(1)	6,364,335	I	By Son

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

SEC 1474 (9-02)
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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)
					(A)	(D)	Date Exercisable	Expiration Date					
				Code	V								

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Clarke Anthony 19820 NORTH CREEK PARKWAY SUITE 201 BOTHELL, WA 98011	X		Chief Scientific Officer	

Signatures

Sandra Thomson attorney-in-fact for Anthony Clarke	08/03/2017
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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).

Received in exchange for 1,500 common shares of Achieve Life Science, Inc. ("Achieve") pursuant to the merger between OncoGenex Pharmaceuticals, Inc. ("OncoGenex") and Achieve (the "Merger"). On the effective date of the Merger, the closing price of Achieve's common stock was \$4.576 per share, representing a closing price of \$0.416 per share of OncoGenex's common stock as adjusted to reflect an 11-for-1 reverse stock split effected on August 1, 2017 (the "Reverse Stock Split").

Received in exchange for 1,000 common shares of Achieve pursuant to the Merger between OncoGenex and Achieve. On the effective date of the Merger, the closing price (2) of Achieve's common stock was \$4.576 per share, representing a closing price of \$0.416 per share of OncoGenex's common stock as adjusted to reflect the Reverse Stock Split.

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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