FORM 4

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

| OMB APPRO | VAL |
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| OMB Number: | 3235-0287 |
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| hours ner resnonse | 0.5 |

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

| 1. Name and Address of Reporting Person Bencich John (Last) (First) (Middle) 19820 NORTH CREEK PARKWAY, SUITE 201 (Street) BOTHELL, WA 98011 | | | 2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ACHV] 3. Date of Earliest Transaction (Month/Day/Year) 08/01/2017 4. If Amendment, Date Original Filed(Month/Day/Year) 08/03/2017 | | | | 5. R | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) 10% Owner X Officer (give title below) CFO 6. Individual or Joint/Group Filing(Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
|--|---|---|---|--|--|--|---|--|--|---------------------------|---------------------------------|--|---|--|
| | | | | | | | X | | | | | | | |
| | | | | | | | _X_: | | | | | | | |
| (Cit | | (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 | | r) any | ion Date, if | | (A | Securities Acq A) or Disposed onstr. 3, 4 and 5) | of (D) Owr Tran | | | O Fo D | wnership of orm: | eneficial wnership |
| | | | | | | Cod | e V A | (A) or (D) | Price | | | (I _. | | isii. 4) |
| Reminder: | Report on a s | separate fine for each | | | | - | Persons in this for a currer | s who respon orm are not r ntly valid OMI | equired to 3 control n | respond u umber. | | | | 74 (9-02) |
| | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction | Table II 3A. Deemed Execution Date, if | - Deriva (e.g., pu 4. Transact Code | tive Securiti tts, calls, wa 5. Numb Derivati Securitic Acquire or Dispoc (D) (Instr. 3, | es Acquerrants, per of vees di (A) ssed of | Persons in this for a currer uired, Dispo | orm are not r htly valid OMI sed of, or Bene envertible secur reisable and Date | equired to 3 control n | respond unber. ned Amount | 8. Price of | 9. Number of Derivative Securities Beneficially Owned Following Reported | 10. Ownership Form of Derivative Security: Direct (D) or Indirect | 11. Nati |
| 1. Title of Derivative Security | 2. Conversion or Exercise Price of Derivative | 3. Transaction | Table II 3A. Deemed Execution Date, if any | - Deriva (e.g., pu 4. Transact Code | tive Securiti tts, calls, wa 5. Numb ion Derivati Securitic Acquire or Dispo (D) | es Acquerrants, per of vees di (A) ssed of | Persons in this for a currer uired, Dispo options, core 6. Date Exer Expiration I | orm are not rently valid OMI sed of, or Beneavertible securicisable and Date //Year) | equired to 3 control n ficially Own ities) 7. Title and of Underlyi Securities | respond unber. ned Amount | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially Owned Following | 10. Ownership Form of Derivative Security: Direct (D) or Indirect | 11. Nat of Indir Benefic Owners |

Reporting Owners

| | Relationships | | | | |
|---|---------------|--------------|---------|-------|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | |
| Bencich John 19820 NORTH CREEK PARKWAY SUITE 201 BOTHELL, WA 98011 | | | CFO | | |

Signatures

| Sandra Thomson as attorney-in-fact for John Benich. | 09/12/2017 |
|---|------------|
| **Signature of Reporting Person | Date |

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) This amended Form 4 is filed to correct the exercise price to reflect that the grant was effective as of the issuer's first open trading window after approval of the grant. All other terms remain the same.
- (2) The options vest as to 25% on August 1, 2018 and thereafter in monthly installments over 36 months.

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

| Potential persons who are to respond to the collection of information contained in this form are no | ot required to respond unless the form displays a currently valid OMB number. |
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