# FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

OMB Number: 3235-0287

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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 Addres Sellig Thomas	s of Reporting Persor	ı*	2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ ACHV ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) (Middle) 22722 29TH DR SE SUITE 100 (Street)		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/29/2023		Director Officer (give title below)	10% Owner Other (specify below)		
			4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check A X Form filed by One Reporting Per Form filed by More than One Re					
BOTHELL	WA	98021	Rule 10b5-1(c) Transaction Indication					
(City)	(State)	(Zip)	Check this box to indicate that a transaction was made pursuant to a contra affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.					

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed3.Execution Date,Transaif anyCode(Month/Day/Year)8)			4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)				(Instr. 4)	Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	<ul> <li>Transaction(s) (Instr. 3 and 4)</li> </ul>		(Instr. 4)

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)		Derivative		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	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	Amount or Number of Shares		Transaction(s) (Instr. 4)		
Stock Option (right to buy)	\$5.97	03/29/2023		A		23,250		(1)	03/29/2033	Common Stock	23,250	\$0.00	23,250	D	

### Explanation of Responses:

1. These options were granted on March 29, 2023 (the "Grant Date") pursuant to the 2023 Non-Employee Director Equity Incentive Plan (the "Plan"), subject to the Plans approval by the Issuers stockholders. The Plan was approved by the Issuers stockholders at the Issuers 2023 Annual Meeting of Stockholders on June 7, 2023. These options will vest on the one month anniversary of the Grant Date and thereafter in monthly installments over 36 months.

#### Remarks:

Sandra Thomson attorney-in-fact 06/09/2023

\*\* 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.