FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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Estimated average burden	
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# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person*     Oki Mark K			2. Issuer Name and Ticker or Trading Symbol ACHIEVE LIFE SCIENCES, INC. [ ACHV ]	(Check	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  V Officer (give title Other (specific					
(Last) 22722 29TH DR SUITE 100	22 29TH DR SE		3. Date of Earliest Transaction (Month/Day/Year) 12/06/2024	X	Chief Financi	below)				
(Street) BOTHELL WA 98021 (City) (State) (Zip)			If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv	idual or Joint/Group Filing Form filed by One Repo Form filed by More than	` '' /				

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

1. Title of Security (Instr. 3)	2. Transaction Date (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.	or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
		Code	v	Amount	(A) or (D)	Price	3 and 4)		(1130. 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. Transac Code (II 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)		
Common Stock Options (right to buy)	\$4.52	12/06/2024		A		72,000		(1)	12/06/2034	Common Stock	72,000	\$0	72,000	D	
Performance Restricted Stock Unit (PRSU)	(2)	12/06/2024		A		168,000		(3)	12/06/2028	Common Stock	168,000	\$0	168,000	D	

#### **Explanation of Responses:**

- 1. The options vest one-third on the first anniversay of December 5, 2024 and thereafter in monthly installments over 24 months.
- 2. Each restricted stock unit represents a contingent right to receive one share of the issuer's common stock at settlement.
- 3. Pursuant to the terms of the award agreement governing the PRSU, the total number of shares underlying the PRSU vest on the achievement of one of certain milestones being met. The PRSUs will lapse in full if achievement of at least one of the milestones is not met

Sandra Thomson as attorney-in-\*\* Signature of Reporting Person

12/09/2024

fact for Mark Oki

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.