FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB	APP	RO\	/AI

OMB Number:	3235-0287
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hours per response:	0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

contract, instruction purchase or sale issuer that is inter	ade pursuant to a on or written plan for the of equity securities of the ided to satisfy the e conditions of Rule			
1. Name and Address of Reporting Person * 5AM Partners VII, LLC			2. Issuer Name and Ticker or Trading Symbol Skye Bioscience, Inc. [SKYE]	Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/21/2025	Officer (give title Other (specify below)
4 EMBARCAD	ERO CENTER, SUI	TE 3110	4. If Amendment, Date of Original Filed (Month/Day/Year)	Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person
(Street) SAN FRANCISCO	CA	94111		X 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) (Month/Day/Year) 2A. Deem Execution if any (Month/Day			3. Transac Code (Ir 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	08/21/2025		S		58,642	D	\$3.57(1)	1,621,043	I	By 5AM Ventures II, L.P. ⁽²⁾
Common Stock	08/21/2025		S		2,314	D	\$3.57(1)	63,963	I	By 5AM Co- Investors II, L.P. ⁽³⁾
Common Stock	08/22/2025		S		163,979	D	\$3.42(4)	1,457,064	I	By 5AM Ventures II, L.P. ⁽²⁾
Common Stock	08/22/2025		S		6,470	D	\$3.42(4)	57,493	I	By 5AM Co- Investors II, L.P. ⁽³⁾
Common Stock								8,167,206	I	By 5AM Ventures VII, L.P. ⁽⁵⁾

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)	(Month/Day/Year) 8)		Derivative		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)	derivative Securities Beneficially Owned	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)	

1. Name and Address of F 5AM Partners VI		
(Last)	(First)	(Middle)
4 EMBARCADERO (Street)	CENTER, SUITE 311	0
SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)

5AM Ventures V	Reporting Person * II, L.P.	
(Last) 4 EMBARCADERO	(First)	(Middle)
	——————————————————————————————————————	
(Street) SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)
1. Name and Address of F 5AM Partners II,		
(Last) 4 EMBARCADERO	(First) CENTER, SUITE 3	(Middle)
(Street) SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)
1. Name and Address of F <u>5AM Ventures II</u>		
(Last) 4 EMBARCADERO	(First) CENTER, SUITE 3	(Middle)
(Street) SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)
1. Name and Address of F <u>5AM CO-INVES</u>		
(Last) 4 EMBARCADERO	(First) CENTER, SUITE 3	(Middle)
(Street) SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)
1. Name and Address of F	. •	
DIEKMAN JOH	., 2	
DIEKMAN JOH (Last) 4 EMBARCADERO	(First)	(Middle)
(Last)	(First) CENTER, SUITE 3	
(Last) 4 EMBARCADERO (Street)	(First) CENTER, SUITE 3	110
(Last) 4 EMBARCADERO (Street) SAN FRANCISCO	(First) CENTER, SUITE 3 CA (State) Reporting Person*	94111
(Last) 4 EMBARCADERO (Street) SAN FRANCISCO (City) 1. Name and Address of F	(First) CENTER, SUITE 3 CA (State) Reporting Person* L (First)	94111 (Zip) (Middle)
(Last) 4 EMBARCADERO (Street) SAN FRANCISCO (City) 1. Name and Address of F PARMAR KUSE (Last)	(First) CENTER, SUITE 3 CA (State) Reporting Person* I (First) CENTER, SUITE 3	94111 (Zip) (Middle)

1. Name and Address of ROCKLAGE SC	. 0	
(Last) 4 EMBARCADERO	(First) CENTER, SUITE 311	(Middle)
(Street)		
SAN FRANCISCO	CA	94111
(City)	(State)	(Zip)

Explanation of Responses:

- 1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.55 to \$3.69 inclusive. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- 2. The securities are directly held by 5AM Ventures II, L.P. ("Ventures II"). 5AM Partners II, LLC ("Partners II") is the sole general partner of Ventures II. Dr. John Diekman, Andrew J. Schwab and Dr. Scott M. Rocklage are the managing members of Partners II and may be deemed to have shared voting and investment power over the securities beneficially owned by Ventures II. Each of Partners II, Dr. Diekman and Dr. Rocklage disclaims beneficial ownership of such securities except to the extent of its or his respective pecuniary interest therein. Mr. Schwab is a director of the Issuer and files separate Section 16 reports.
- 3. The securities are directly held by 5AM Co-Investors II, L.P. ("Co-Investors II"). Partners II is the sole general partner of Co-Investors II. Dr. John Diekman, Andrew J. Schwab and Dr. Scott M. Rocklage are the managing members of Partners II and may be deemed to have shared voting and investment power over the securities beneficially owned by Co-Investors II. Each of Partners II, Dr. Diekman and Dr. Rocklage disclaims beneficial ownership of such shares except to the extent of its or his respective pecuniary interest therein. Mr. Schwab is a director of the Issuer and files separate Section 16 reports.
- 4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.30 to \$3.59 inclusive. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- 5. The securities are directly held by 5AM Ventures VII, L.P. ("Ventures VII"). 5AM Partners VII, LLC ("Partners VII") is the sole general partner of Ventures VII. Dr. Kush Parmar and Andrew J. Schwab are the managing members of Partners VII and may be deemed to have shared voting and investment power over the securities beneficially owned by Ventures VII. Each of Partners VII and Dr. Parmar disclaims beneficial ownership of such securities except to the extent of its or his respective pecuniary interest therein. Mr. Schwab is a director of the Issuer and files separate Section 16 reports.

5AM Partners VII, LLC, By /s/ Andrew J. Schwab, Managing Member	08/22/2025
5AM Ventures VII, L.P., By: 5AM Partners VII, LLC, its General Partner, By /s/ Andrew J. Schwab, Managing Member	08/22/2025
5AM Partners II, LLC, By /s/ Andrew J. Schwab, Managing Member	08/22/2025
5AM Ventures II, L.P., By: 5AM Partners II, LLC, its General Partner, By /s/ Andrew J. Schwab, Managing Member	08/22/2025
5AM Co-Investors II, L.P., By: 5AM Partners II, LLC, its General Partner, By /s/ Andrew J. Schwab, Managing Member	08/22/2025
/s/ John Diekman	08/22/2025
/s/ Kush Parmar	08/22/2025
/s/ Scott M. Rocklage	08/22/2025
** 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.