FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287 Estimated average burden

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

	tion 1(b).	nue. See		Filed				(a) of the Sect e Investment (1934		hours	per resp	onse:	0.5
		Reporting Person*	<u>.LC</u>					ker or Trading na, Inc. [ationship of F k all applicab Director		Person	(s) to Issuer	
(Last) 51 ASTO	,	First) , 10TH FLOOR	(Middle)		3. Date 01/10/		Trans	action (Month	n/Day	y/Year)			Officer (g below)	ive title		Other (sp below)	pecify
(Street)	ORK N	NY	10003		4. If Am	nendment, D	ate o	of Original File	ed (M	lonth/Da	y/Year)	6. Ind		d by One	Reporti	Check Applicing Person One Reporting	
(City)	(;	State)	(Zip)														
		'	Table I - Non-	Deriva	ative S	Securitie	s A	cquired, D	isp				Owned				
1. Title of S	Security (Ins	tr. 3)	0	. Transa ate Month/D		2A. Deem Execution if any (Month/Da	n Date	Code (Ins		4. Secur Dispose	rities Acquir d Of (D) (Ins	red (A) or str. 3, 4 and 5)	Securities Beneficially Following	Securities Form: Direct Inc Beneficially Owned (D) or Indirect Be Following (I) (Instr. 4) Ov		Nature of direct eneficial wnership	
								Code	<i>,</i>	Amount	(A) (D)	or Price	Reported Transaction (Instr. 3 and				Instr. 4)
			Table II - De					quired, Dis s, options					wned				
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. Transa Code (8)		5. Number of Derivative Securities Acquired (A Disposed of (Instr. 3, 4 a 5)	() or f (D)	6. Date Exerc Expiration D (Month/Day/	ate				ing Derivative Security (Instr. 5)		er of Ownersh es Form: ally Direct (D) or Indirect (I) (Instr.		11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Ex Da	piration te	Title	Amount or Number of Shares		Transac (Instr. 4)			
Pre- funded Warrant	\$0.01	01/10/2023		P		27,272,727		(1)		(1)	Common Stock	27,272,727	\$0.54	27,272	2,727	I	See footnote ⁽²⁾
Pre- funded Warrant	\$0.01	01/10/2023		P		3,636,363		(1)		(1)	Common Stock	3,636,363	\$0.54	3,636	,363	I	See footnote ⁽³⁾
		Reporting Person*	LC														

Pre- funded Warrant	\$0.01	01/10/2023		P		
		Reporting Person*	<u>LC</u>			_
(Last) 51 ASTO	OR PLACE,	(First) 10TH FLOOR	(Middle)			_
(Street) NEW YO	ORK	NY	10003			_
(City)		(State)	(Zip)			
PERCE LTD (Last)	EPTIVE L	Reporting Person* LIFE SCIENC (First) 10TH FLOOR	(Middle)	R FU	ND	-
(Street) NEW YO	ORK	NY	10003			_
(City)		(State)	(Zip)			_
		Reporting Person*	e Fund, LP			
(Last) 51 ASTO	OR PLACE,	(First) 10TH FLOOR	(Middle)			_
(Street) NEW YO	ORK	NY	10003			_
(City)		(State)	(Zip)			
		Reporting Person*	e Fund II, LP			

(Last)	(First)	(Middle)	
	CE, 10TH FLOOR	,	
(Street)			
NEW YORK	NY	10003	
(City)	(State)	(Zip)	
	s of Reporting Person		
1. Name and Address			
		(Middle)	
EDELMAN J	OSEPH .	(Middle)	
EDELMAN J	OSEPH (First)	(Middle)	
(Last) 51 ASTOR PLAC	OSEPH (First)	(Middle)	

Explanation of Responses:

- 1. The Pre-Funded Warrants cannot be exercised to the extent that, upon giving effect to such exercise, the aggregated number of shares of Common Stock beneficially owned by the holder (together with its affiliates, any "group" or any other persons whose beneficial ownership could be aggregated with the holders) would exceed 35.00% of the number of shares of Common Stock outstanding immediately after giving effect to such
- 2. The securities are directly held by Perceptive Xontogeny Venture Fund II, L.P. ("PXV II"). The Advisor serves as the investment manager of PXV II, and Perceptive Xontogeny Venture II GP, LLC ("PXV GP") is the general partner of PXV II. Mr. Edelman is the managing member of PXV GP and the Advisor, PXV GP and Mr. Edelman disclaim, for purposes of Section 16 of the Securities Exchange Act of 1934, beneficial ownership of such securities, except to the extent of his or its indirect pecuniary interest therein, and this report shall not be deemed an admission that they are the beneficial owner of such securities for purposes of Section 16 or for any other purposes.
- 3. The securities are directly held by PX Venture (A), LLC ("PX Venture"). The Advisor serves as the investment manager of PX Venture, Mr. Edelman is the managing member of the Advisor. The Advisor, and Mr. Edelman disclaim, for purposes of Section 16 of the Securities Exchange Act of 1934, beneficial ownership of such securities, except to the extent of his or its indirect pecuniary interest therein, and this report shall not be deemed an admission that they are the beneficial owner of such securities for purposes of Section 16 or for any other purposes.

/s/ Joseph Edelman - for Perceptive Advisors LLC, By: 01/11/2023 Joseph Edelman, its managing member /s/ Joseph Edelman - for Perceptive Life Sciences Master Fund Ltd, By: Perceptive 01/11/2023 Advisors LLC, its investment manager, By: Joseph Edelman, its managing member /s/ Joseph Edelman - for Perceptive Xontogeny Venture Fund LP, By: Perceptive 01/11/2023 Xontogeny Ventures GP, LLC, its general partner, By: Joseph Edelman, its managing member /s/ Joseph Edelman - for Perceptive Xontogeny Venture Fund II, LP, By: Perceptive 01/11/2023 Xontogeny Venture II GP, LLC, its general partner, By: Joseph Edelman, its managing member /s/ Joseph Edelman 01/11/2023 ** Signature of Reporting Person

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.