FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington.	D C	20549

STATEMENT	OF CHANGES	IN BENEFICIAL	OWNERSHIP

	OMB APPRO	MB APPROVAL					
	OMB Number:	3235-0287					
	Estimated average burden						
-	hours per response:	0.5					

11. Nature of Indirect Beneficial Ownership (Instr. 4)

By Flagship Pioneering Special Opportunities Fund II, L.P. (2)

By Flagship Pioneering Fund VII, L.P.⁽³⁾

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

(First)

55 CAMBRIDGE PARKWAY, SUITE 800E

(Middle)

Instruc	ction 1(b).			File				S(a) of the Sec			1934				_	<u> </u>	
1. Name a	nd Address o	f Reporting Person	•		2. Issu	ıer Name aı	nd Tie	ne Investment cker or Tradin	g Symbol				elationship o) Pers	on(s) to Issu	ıer
1	ip Pionee				<u>Fogl</u>	horn The	<u>erap</u>	eutics Inc	<u>.</u> [FHTX]		(Che	eck all applic Directo	,		X 10% O	wner
(Last)	(First)	(Middle)			e of Earliest 2/2024	Tran	saction (Mont	h/Day/Year)				Officer below)	(give title		Other (below)	
55 CAM	BRIDGE P	ARKWAY, SUI	TE 800E		4. If A	mendment,	Date	of Original Fil	ed (Month/D	ay/Year)		6. Ir			-	(Check App	olicable Line)
(Street)																One Repor	
CAMBR	AIDGE N	MA	02142		Rule	e 10b5-	1(c) Transa	ction Inc	dication							
(City)	(State)	(Zip)		Cl af	heck this box firmative defe	to inc	dicate that a trac conditions of Ru	nsaction was le 10b5-1(c).	made pursua See Instruct	ant to a co ion 10.	ntract	, instruction o	r written plar	that is	s intended to	satisfy the
			Table I - No	n-Deriv	ative	Securitie	es A	cquired, [Disposed	of, or B	enefici	ially	Owned				
1. Title of	Security (Ins	tr. 3)		2. Transa Date (Month/E			n Dat	Code (In	ion Dispos	ırities Acqu ed Of (D) (lı			Beneficia	s ally Owned	Forn	wnership n: Direct or Indirect	7. Nature of Indirect Beneficial
						(Month/E	Day/Ye	<u> </u>	V Amour	nt (A)	or Pri	ice	Following Reported Transact (Instr. 3 a	i ion(s)	(l) (lı	nstr. 4)	Ownership (Instr. 4)
								quired, Di		f, or Be	neficia						
1. Title of	2.	3. Transaction	3A. Deemed	(e.g., p	uts, c	alls, war		ts, options	-			_	8. Price of	9. Numbe	r of	10.	11. Nature
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execution Date if any (Month/Day/Yes	Code	saction (Instr.	Derivative Securities Acquired or Dispos (D) (Instr. and 5)	(A) ed of	Expiration D (Month/Day/	ate	Securities Underlyi			Derivative Security (Instr. 5)	derivative Securities Beneficial Owned Following Reported	s s lly	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun Number Shares			Transaction (Instr. 4)	on(s)		
Pre- Funded Warrants to purchase Common Stock	\$0.0001	05/22/2024		p ⁽¹⁾		1,814,914		(1)	(1)	Common Stock	1,814,	,914	\$5.5099	1,814,9	14	I	By Flagship Pioneering Special Opportuniti Fund II, L.I.
Pre- Funded Warrants to purchase Common Stock	\$0.0001	05/22/2024		p ⁽¹⁾		1,814,915		(1)	(1)	Common Stock	1,814,	,915	\$5.5099	1,814,9	15	I	By Flagship Pioneering Fund VII, L.P. ⁽³⁾
	nd Address or ip Pionee	f Reporting Person ring Inc.	•														
(Last)	BRIDGE P	(First)	(Middle	e)		-											
	DRIDGET		TE GOOD			-											
(Street)	RIDGE	MA	02142														
(City)		(State)	(Zip)														
<u>Flagsh</u>		f Reporting Person' ring Special (LLC		es Fun	d II												
(Last) 55 CAM	BRIDGE P	(First)	(Middle	e)													
(Street)	NIDGE	MA	02142														
(City)		(State)	(Zip)														
		f Reporting Person [*] ring Special (es Fun	d II,												

(Street) CAMBRIDGE	MA	02142
(City)	(State)	(Zip)
1. Name and Address AFEYAN NOU		rson*
(Last) 55 CAMBRIDGE	(First) PARKWAY, S	(Middle) SUITE 800E
(Street)		00140
CAMBRIDGE	MA	02142
(City)	(State)	(Zip)

Explanation of Responses:

- 1. On May 22, 2024, pursuant to an underwritten public offering by the Issuer, Flagship Pioneering Special Opportunities Fund II, L.P. ("Flagship Opportunities Fund II") and Flagship Pioneering Fund VII, L.P. ("Flagship Fund VII") acquired pre-funded warrants (the "Pre-Funded Warrants") to purchase 1,814,915 shares of Common Stock, respectively, at a purchase price of \$5.5099 per Pre-Funded Warrant. The Pre-Funded Warrants are immediately exercisable and do not have an expiration date; however, a holder of Pre-Funded Warrants may not exercise the Pre-Funded Warrant if the holder, together with its affiliates, would beneficially own more than 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to such exercise.
- 2. Securities held by Flagship Opportunities Fund II. Flagship Pioneering Special Opportunities Fund II General Partner LLC ("Flagship Opportunities Fund II GP") is the general partner of Flagship Opportunities Fund II. Flagship Pioneering, Inc. ("Flagship Pioneering, Inc. ("Flagsh
- 3. Securities held by Flagship Fund VII. Flagship Pioneering Fund VII General Partner LLC ("Flagship Fund VII GP") is the general partner of Flagship Fund VII. Flagship Pioneering, Inc. ("Flagship Pioneering") is the manager of Flagship Fund VII GP. Each of the reporting persons disclaims beneficial ownership of such shares except to the extent of his or its pecuniary interest therein, if any.

Flagship Pioneering, Inc., By: /s/ Noubar B. Afeyan, Ph.D., Title: 05/24/2024 **Chief Executive Officer** Flagship Pioneering Special Opportunities Fund II General Partner LLC, By: Flagship 05/24/2024 Pioneering, Inc. its manager, By: /s/ Noubar B. Afeyan Ph.D., Title: Chief Executive Officer Flagship Pioneering Special Opportunities Fund II, L.P., By: Flagship Pioneering Special Opportunities Fund II General 05/24/2024 Partner LLC, its general partner, By: Flagship Pioneering, Inc. its manager, By: /s/ Noubar B. Afeyan Ph.D., Title: CEO 05/24/2024 /s/ Noubar B. Afeyan, Ph.D. ** 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.