FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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OMB APPROVAL

Section 16. Form 4 or Form 5	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	
obligations may continue. See Instruction 1(b).	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940	

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

1. Name and Address of Reporting Person*  Valamehr Bahram					2. Issuer Name <b>and</b> Ticker or Trading Symbol FATE THERAPEUTICS INC [ FATE ]						(Chec	k all application	onship of Reporting Il applicable) Director Officer (give title		on(s) to Issu 10% Ow Other (s	wner		
(Last) (First) (Middle) C/O FATE THERAPEUTICS, INC. 3535 GENERAL ATOMICS COURT, SUITE 200					3. Date of Earliest Transaction (Month/Day/Year) 01/07/2019							X	below)		pmen	below)	респу	
(Street) SAN DIEGO CA 92121			4.	4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Ind Line) X								
(City)	(5	tate)	(Zip)	erivati	vo Sa	ocuritios	s A c c	uired C	)ien	osed o	of or Bo	nofic	ially	Owned				
1. Title of Security (Instr. 3) 2. Transa Date			Transactio	action 2A. Deemed Execution Date,		3. Transaction Code (Instr. 8)  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4)			or	5. Amoun Securities Beneficia	5. Amount of Securities Beneficially Owned Following		Direct Indirect Istr. 4)	7. Nature of Indirect Beneficial Ownership				
						Code	v	Amount	(A) (D)	or Pi	ice	Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
Common	Stock <sup>(1)</sup>		(	01/07/20	7/2019		A		45,000 A		.   \$	80.00	72,958			D		
			Table II - De (e.ç					ired, Dis						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	Code (Instr.				6. Date Exercisa Expiration Date (Month/Day/Yea			of Securi Underlyii Derivativ	7. Title and Amou of Securities Underlying Derivative Securi (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficia Owned Following Reported	Owne Form Direct or Ind (I) (Ins	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)		Date Exercisable		piration ite	Title	Amor or Numl of Sh	oer		Transaction(s) (Instr. 4)			
Stock Option	\$16.55	01/07/2019		A		135,000		(2)	01	/06/2029	Common	135,	000	(3)	135,00	00	D	

## **Explanation of Responses:**

- 1. Award of Restricted Stock Units that vests with respect to 1/3 of the underlying shares on each of January 7, 2020, January 7, 2021, and January 7, 2022. This grant is subject to an accelerated vesting upon a change of control of the Issuer and in the event of termination of employment under certain circumstances following a change of control of the Issuer.
- 2. The shares subject to this option shall vest and become exercisable in 48 equal monthly installments beginning on February 1, 2019 such that this option is fully exercisable on January 1, 2023.
- 3. Not applicable.

## Remarks:

(right to

/s/ Cindy R. Tahl, as Attorney-

01/09/2019

in-Fact

Stock

Date

\*\* 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.