FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: 3235-0287

hours per response:

0.5

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

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

1. Name a	FAT	2. Issuer Name and Ticker or Trading Symbol FATE THERAPEUTICS INC [FATE]								Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner										
(Last)	(Fi	rst) ((Middle)			3. Date of Earliest Transaction (Month/Day/Year) 01/08/2016								X	Officer below)	(give title		Other (s below)	specify	
C/O FAT	TE THERAI										General Counsel and Secretary									
3535 GE	4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)										
(Street)															X Form filed by One Reporting Person					
SAN DIEGO CA 92121														Form filed by More than One Reporting Person						
(City)	(St	ate) ((Zip)																	
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/						Execution Date,			Transaction Dispose Code (Instr. and 5)			ities Acquired (A) or d Of (D) (Instr. 3, 4			5. Amou Securitie Benefici Owned Followir	es ally	Form (D) o	n: Direct r ect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	Amount	(A) o	r Price	Price T		oving orted nsaction(s) tr. 3 and 4)		. 4)	instr. 4)					
Common Stock 01/08/20)16				6,6330	6,633 ⁽¹⁾ A		00	53,509			D		
	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 (Ir 8)	tion of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		of D Se	Price f erivative ecurity nstr. 5)	9. Numbe derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e s lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership		
					Code	v	(A)	(D)	Date Exercisab		Expiration Date	Title	Amount or Number of Shares							
Stock Option (right to buy)	\$2.9	01/08/2016			A		135,600		(2)	(01/07/2026	Common Stock	135,600	0	(3)	135,60	00	D		

Explanation of Responses:

- 1. Represents shares issued pursuant to the Company's 2013 Stock Option and Incentive Plan as a portion of a bonus earned by the reporting person for the fiscal year ended December 31, 2015.
- 2. The shares subject to this option shall vest and become exercisable in 48 equal monthly installments beginning on February 8, 2016 such that this option is fully exercisable on January 8, 2020.
- 3. Not applicable.

Remarks:

/s/ Cindy R. Tahl 01/12/2016

** 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.