Instruction 1(b).

FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5	STATEMENT OF CHANGES IN BENEFICIAL	OWNERSHIP
obligations may continue. See		

**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

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 and Address of Reporting Person* <u>Coughlin Timothy P</u>						2. Issuer Name and Ticker or Trading Symbol FATE THERAPEUTICS INC [ FATE ]									ationship o k all applic Directo	able)	Person(s) to Issu 10% Ow			
(Last) C/O FAT	`	irst) PEUTICS, INC.;	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 05/03/2019									Officer (give title below)			Other (s below)	pecify	
3535 GENERAL ATOMICS COURT, SUITE 200					4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable					
(Street) SAN DIEGO CA 92121													ine) X	Form filed by One Report Form filed by More than C Person			•			
(City)	(S	tate)	(Zip)																	
		Tab	le I - Noi	n-Deri	vativ	e Se	curities	s Ac	quired, D	isp	osed o	f, or Be	nefici	ally	Owned					
1. Title of Security (Instr. 3)  2. Transplate (Month/t					2A. Deemed Execution Date, if any (Month/Day/Year		Transaction Dispose Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4		and Securitie Benefici		s illy ollowing	Form	: Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership				
								Code	,	Amount	nount (A) (C)		е	Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
		-							uired, Dis , 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)	Date,	4. Transactior Code (Instr. 8)				6. Date Exercisable Expiration Date (Month/Day/Year)			7. Title and Ame of Securities Underlying Derivative Secu (Instr. 3 and 4)		Derivativ Security			e s lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable		xpiration ate	Title	Amour or Number of Shares	er						
Stock Option (right to	\$17.15	05/03/2019			A		16,000		(1)	05	5/03/2029	Common Stock	16,00	00	(2)	16,000	)	D		

## **Explanation of Responses:**

1. The shares subject to this option shall vest and become exercisable on the earlier of (i) May 3, 2020 or (ii) the date of the Issuer's 2020 Annual Meeting of Stockholders, subject to the recipient's continued service on the Issuer's Board of Directors.

2. Not applicable.

## Remarks:

/s/ Cindy R. Tahl, as Attorneyin-Fact

\*\* Signature of Reporting Person Date

05/07/2019

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.