

OMB APPROVAL	
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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

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

1. Name and Address of Reporting Person* <u>COUGHLIN TIMOTHY</u> (Last) (First) (Middle) <u>C/O FATE THERAPEUTICS, INC.;</u> <u>12278 SCRIPPS SUMMIT DRIVE</u> (Street) <u>SAN DIEGO CA 92131</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>FATE THERAPEUTICS INC [FATE]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/09/2022</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock ⁽¹⁾	06/09/2022		A		8,650	A	\$0.00	9,892	D	
Common Stock								56,390 ⁽²⁾	I	By Coughlin Family Trust u/a DTD 12/07/2006 ⁽³⁾

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$23.48	06/09/2022		A		11,893		(4)	06/09/2032	Common Stock	11,893	\$0.00	11,893	D	

Explanation of Responses:

- Award of restricted stock units that vest in full on the earlier of (i) June 9, 2023 or (ii) the date of the Issuer's 2023 Annual Meeting of Stockholders, subject to the Reporting Person's continued service on the Issuer's Board of Directors.
- 56,390 shares were transferred by the Reporting Person to the Coughlin Family Trust u/a DTD 12/07/2006 in 2017.
- These shares are owned of record by Coughlin Family Trust u/a DTD 12/07/2006 for which the Reporting Person and his spouse Holly Coughlin serve as co-trustees, and the Reporting Person may be deemed to be the beneficial owner of the securities held by the Coughlin Family Trust u/a DTD 12/07/2006.
- The shares subject to this option shall vest and become exercisable on the earlier of (i) June 9, 2023 or (ii) the date of the Issuer's 2023 Annual Meeting of Stockholders, subject to the Reporting Person's continued service on the Issuer's Board of Directors.

Remarks:

/s/ Cindy Tahl, as Attorney-in-Fact 06/13/2022

** 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.