FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP hours per response: 0.5 ſ Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person (Check all applicable) FATE THERAPEUTICS INC [FATE] Xu Yuan Director 10% Owner 3. Date of Earliest Transaction (Month/Day/Year) Other (specify Officer (give title 08/04/2023 below) below) (Last) (Middle) (First) C/O FATE THERAPEUTICS, INC. 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) 12278 SCRIPPS SUMMIT DRIVE Form filed by One Reporting Person Form filed by More than One Reporting (Street) Person SAN DIEGO CA 92131 Rule 10b5-1(c) Transaction Indication (City) (State) (Zip) Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. Х Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 6. Ownership Form: Direct 1. Title of Security (Instr. 3) 2A. Deemed 5. Amount of 7. Nature Execution Date Transaction Securities Beneficially of Indirect Date (Month/Day/Year) if anv Code (Instr. 5) (D) or Beneficial (Month/Day/Year) Owned Following Ownership (Instr. 4) 8) Indirect (I) (Instr. 4) Reported (A) or (D) Transaction(s) Code v Amount Price (Instr. 3 and 4) 08/04/2023 Common Stock **S**⁽¹⁾ 632 D \$3.71 9,302 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1 Title of 3. Transaction 34 Deemed 6. Date Exercisable and 7 Title and 8. Price of 9. Number of 10 11 Nature Expiration Date (Month/Day/Year) Conversion Execution Date, Ownership Derivative Transaction Number Amount of Derivative derivative of Indirect Date (Month/Dav/Year) if any (Month/Day/Year) Security or Exercise Code (Instr. of Securities Security Securities Form: Beneficial (Instr. 3) Price of 8) Derivative Underlying (Instr. 5) Beneficially Direct (D) Ownership or Indirect (I) (Instr. 4) Derivative Owned (Instr. 4) Securities Derivative Security (Instr. 3 and 4) Security Acquired Following Reported (A) or Disposed Transaction(s) of (D) (Instr. 3, 4 (Instr. 4) ànd 5) Amount Number Expiration Date Code v (A) (D) Exercisable Date Title Shares

Explanation of Responses:

1. This transaction was effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on February 24, 2023.

Remarks:

/s/ Cindy Tahl, as Attorney-in-08/07/2023 Fact

** 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.

OMB APPROVAL

OMB Number: 3235-0287 Estimated average burden

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