FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 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

| Name and Address of Reporting Person* <u>Driscoll Cindy</u> | | | | | | 2. Issuer Name and Ticker or Trading Symbol Magenta Therapeutics, Inc. [MGTA] | | | | | | | | | heck all app Direc | olicable) | | Solution States | |
|--|---|--|---|--|---|---|---|--|--|---|--------------------|---|-----------------------------------|-------|--|--|--|---|--|
| (Last) (First) (Middle) C/O MAGENTA THERAPEUTICS, INC. 100 TECHNOLOGY SQUARE | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/01/2019 | | | | | | | | | X Officer (give title Other (specify below) See Remarks | | | | |
| (Street) CAMBRIDGE MA 02139 (City) (State) (Zip) | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | is. Individual or Joint/Group Filing (Check Applicable ine) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | | ay/Year) Ex | | A. Deemed xecution Date, any Month/Day/Year | | 3. Transaction Code (Instr. 8) 4. Securit Disposed 5) | | | | | d Securi Benefi | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | of Indirect | |
| | | | | | | | | | | v | Amount | Amount (A | | Price | Transa | action(s) 3 and 4) | | (11311.4) | |
| 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) | Beneficial Ownership t (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisa | | Expiration Date | Title | Amou or Numl of Share | er | | | | | |

Explanation of Responses:

Remarks:

Magenta Therapeutics, Inc. (the "Company") appointed Jason Ryan as the Chief Operating and Financial Officer of the Company, effective January 1, 2019. As a result, the reporting person is no longer subject to Section 16 in connection with her transactions in the equity securities of the Company and therefore will no longer report any such transactions on Form 4 or Form 5. Treasurer & Vice President, Finance

> /s/ Zoran Zdraveski, Attorneyin-Fact for Cindy Driscoll

01/04/2019

** 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.