

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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>BYERS BLAKE</u> (Last) (First) (Middle) <u>C/O MAGENTA THERAPEUTICS, INC.</u> <u>50 HAMPSHIRE STREET</u> (Street) <u>CAMBRIDGE MA</u> <u>02139</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/20/2018</u>	3. Issuer Name and Ticker or Trading Symbol <u>Magenta Therapeutics, Inc. [MGTA]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(1)	(1)	Common Stock	51,626	(1)	I ⁽³⁾	See Footnote ⁽³⁾
Series B Preferred Stock	(2)	(2)	Common Stock	3,287,511	(2)	I ⁽³⁾	See Footnote ⁽³⁾

Explanation of Responses:

- Each share of Series A Preferred Stock is convertible into shares of the Issuer's common stock, \$0.001 par value per share ("Common Stock"), on a 2.58398:1 basis at any time at the holder's election and will automatically convert immediately prior to the closing of the Issuer's initial public offering. The Series A Preferred Stock has no expiration date.
- Each share of Series B Preferred Stock is convertible into shares of the Issuer's Common Stock on a 2.58398:1 basis at the holder's election and will automatically convert immediately prior to the closing of the Issuer's initial public offering. The Series B Preferred Stock has no expiration date.
- The reported securities are directly held by GV 2016, L.P. GV 2016 GP, L.P., the general partner of GV 2016, L.P., GV 2016 GP, L.L.C., the general partner of GV 2016 GP, L.P., Alphabet Holdings LLC, the sole member of GV 2016 GP, L.L.C., XXVI Holdings Inc., the managing member of Alphabet Holdings LLC, and Alphabet Inc., the sole stockholder of XXVI Holdings Inc., may each be deemed to have sole power to vote or dispose of these shares. Dr. Byers is an affiliate of GV 2016 GP, L.P. but does not have voting or dispositive power over the shares held by GV 2016, L.P. Dr. Byers disclaims beneficial ownership of the shares held by GV 2016, L.P. except to the extent of his pecuniary interest, if any, therein and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of the reported securities for the purpose of Section 16 or for any other purpose.

Remarks:

Exhibit 24.1: Power of Attorney

/s/ Zoran Zdraveski, Attorney- 06/20/2018
in-Fact for Blake Byers

** 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 5 (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.

Power of Attorney

Know all by these presents, that the undersigned hereby constitutes and appoints each of Zoran Zdraveski and Cindy Driscoll, signing singly, and with full power of substitution, as the undersigned's true and lawful attorney-in-fact to:

(1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Magenta Therapeutics, Inc., a Delaware corporation (the "Company"), from time to time the following Securities and Exchange Commission (the "SEC") forms: Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules thereunder;

(2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the SEC and any stock exchange or similar authority; and

(3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. This Power of Attorney shall expire as to any individual attorney-in-fact if such attorney-in-fact ceases to be an officer of the Company. This Power of Attorney may be filed with the SEC as a confirming statement of the authority granted herein.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 17 day of June, 2018.

/s/Blake Byers

Printed Name: Blake Byers
