FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | |
| Estimated average burden | | | | | | | | | |
| hours per response | : 0.5 | | | | | | | | |

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

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

| | | | | | 01 000 | tion c | 00(11) 0 | i tiic i | IIIVCStilic | TIL CC | ilipally Act C | 71 1340 | | | | | | | - |
|--|--|-------|-------------|---|---|--|---|------------------------------|-------------|--------------------|--|--|--|---|--|--|-----------------------------|--|---|
| 1. Name and Address of Reporting Person* MURDOCK TERRY L | | | | | 2. Issuer Name and Ticker or Trading Symbol G1 Therapeutics, Inc. [GTHX] | | | | | | | | | | | p of Reporti olicable) ctor | ing Pe | erson(s) to I | |
| (Last) | 3. Date of Earliest Transaction (Month/Day/Year) 05/10/2023 | | | | | | | | | X | Officer (give title below) | | | | | | | | |
| (Street) | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| RESEARCH TRIANGLE NC 27709 | | | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| PARK ——— | | | | | Rule 10b5-1(c) Transaction Indication | | | | | | | | | | | | | | |
| (City) | (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. | | | | | | | | | | | | | |
| | | Table | I - No | n-Deriva | tive S | ecur | rities | Acc | quired, | Dis | posed of | , or I | 3enefic | cially | y Owr | ned | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/ | | | | | Year) if | Execu f any | eemed ution Date, th/Day/Year) | | | | es Acquired (A Of (D) (Instr. 3, | | 4 and See Be | | Amount of ecurities eneficially wned ollowing | | m: Direct or rect (I) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | v | Amount | (A) (D) | or Price | Repo Trans | | | | , | |
| Common Stock 05/10/20 | | | | | | 023 | | | A | | 35,000 ⁽¹⁾ A | | \$0.0 | 00 ⁽²⁾ | 71,439 ⁽³⁾ | | | D | |
| | | Tab | le II | Derivativ (e.g., pu | | | | | | | | | | • | Owne | ed | | | |
| 1. Title of Derivative Security (Instr. 3) | tive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any | | ution Date, | 4. Transaction Code (Instr. 8) | | 5. Numl of Deriv Secu Acqu (A) o Dispo of (D) (Instr | vative rities nired r osed) | 6. Date Expirat (Month | ion D | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and | | 8. Price of Derivative Security (Instr. 5) | | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | Owners Form: Direct (or Indir (I) (Inst | Ownership | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Code | v | (A) | (D) | Date Exercis | able | Expiration Date | Title | Amount or Number of Shares | | | | | | | |

Explanation of Responses:

- 1. Represents a restricted stock unit ("RSU") award that vests 50% on May 10, 2024 and 50% on May 10, 2025, subject to the Reporting Person's continued service through each applicable vesting
- $2. \ Each \ RSU \ represents \ a \ contingent \ right \ to \ receive \ one \ share \ of \ Issuer \ common \ stock.$
- 3. Represents (i) 4,039 shares of common stock; (ii) 5,500 RSUs from award granted on January 4, 2021; (iii) 9,000 RSUs from award granted on January 3, 2022; (iv) 17,900 RSUs from award granted on January 3, 2023, and (v) 35,000 RSUs from award granted on May 10, 2023.

Remarks:

/s /Sandi James, attorney-infact ** Signature of Reporting Person

05/12/2023

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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints Anne T. Leland, Brenda L. Meyette, Jacquelyn A. Cannata, Megan N. Gates, Peter N. Cunningham, Verna Krishnamurthy and Hana M. Sahdev of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., and Barclay A. Phillips and Jennifer K. Moses of G1 Therapeutics, Inc. signing singly, with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, forms and authentication documents for EDGAR Filing Access;
- (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 forms and authentication documents;
- (3) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or 10% shareholder of the Company, Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;
- (4) 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 and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (5) 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 Securities Exchange Act of 1934.

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 attorneysin-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed this 6th day of February, 2018.

/s/ Terry L. Murdock Terry L. Murdock