FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| l | OMB APPRO              | VAL       |
|---|------------------------|-----------|
|   | OMB Number:            | 3235-0287 |
| l | Estimated average burd | en        |
| l | 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>Strum Jay</u>                                 |   |   |                        |          |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol G1 Therapeutics, Inc. [GTHX] |   |   |   |                               |                    |   |                                 |                         | all app<br>Direc  | olicable)  |   | Issuer<br>Owner<br>r (specify         |
|--|---|---|------------------------|----------|--|---|---|---|---|-------------------------------|--------------------|---|---------------------------------|-------------------------|---|--|---|---------------------------------------|
| (Last)<br>C/O G1 T<br>79 T.W. A  |   | 3. Date of Earliest Transaction (Month/Day/Year) 08/29/2018 |                        |          |  |   |   |   |   | A                             | belov              | ,   | below)<br>ntific Officer        |                         |   |  |   |                                       |
| (Street) RESEARCH TRIANGLE NC 27709 PARK   |   |   |                        |          | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |   |   |   |                               |                    |   |                                 | 6. Indiv<br>Line)<br>X  | vidual or Joint/Group Filing (Check Applicable  Form filed by One Reporting Person  Form filed by More than One Reporting  Person |  |   |                                       |
| (City)   | (5)   |   | (Zip)<br>              | on-Deriv | ative  | Seci  | ıriti   | es Ac                                   | auirea  | d. Di                         | sposed o           | f. or B   | enefic                          | cially                  | Owne  | -d   |   |                                       |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/ |   |   |                        |          | ion  | on 2A. Deemed Execution Date,   |   | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities Acquired (A) of |                    | d (A) or  | r 5. Am<br>Secu<br>Bene<br>Owne |                         | ount of<br>ities<br>icially<br>d Following  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership               |                                       |
|  |   |   |                        |          |  |   |   |   | Code  | v                             | Amount             | (A) or<br>(D)   | Price                           |                         | Repor<br>Trans<br>(Instr.   | ted<br>action(s)<br>3 and 4)   |   | (Instr. 4)                            |
| Comomor  | )18   |   |                        | S        |  | 600   | D   | \$58.                                   | \$58.403(1)                                     |                               | 57,969             | D   |                                 |                         |   |  |   |                                       |
| Comomon Stock 08/29/20   |   |   |                        |          |  | )18   |   |   | S   |                               | 3,500              | D   | \$59                            | \$59.1 <sup>(2)</sup>   |   | 54,469   | D   |                                       |
| Comomon Stock 08/29/20   |   |   |                        |          |  | )18   |   |   | S   |                               | 700                | D   | \$60.                           | \$60.004 <sup>(3)</sup> |   | 3,769  | D   |                                       |
| Comomon Stock 08/29/2  |   |   |                        |          | 018  |   |   | S                                       |   | 200                           | D                  | \$6   | \$61 <sup>(4)</sup>             |                         | 3,569   | D  |   |                                       |
| Comomon Stock 08/30/20   |   |   |                        |          |  | )18   |   |   | S   |                               | 500                | D   | \$59.                           | \$59.266 <sup>(5)</sup> |   | 3,069  | D   |                                       |
| Comomon Stock 08/30/20   |   |   |                        |          |  | )18   |   |   | S   |                               | 4,500              | D   | \$60.                           | \$60.054(6)             |   | 18,569   | D   |                                       |
|  |   | Ta  | able II -              |          |  |   |   |   |   |                               | osed of, convertib |   |                                 |                         | wned  |  |   |                                       |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                                    | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year)                  | Executi<br>ear) if any | on Date, | 1.<br>Transaction<br>Code (Instr.<br>3)                  |   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |   | 6. Date Exerc<br>Expiration Da<br>(Month/Day/\) |                               | ate                | 7. Title a<br>Amount<br>Securiti<br>Underly<br>Derivati<br>Security<br>and 4) | of<br>es<br>ing<br>ve           | Deri<br>Seci<br>(Inst   | ivative<br>urity<br>tr. 5)  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |   |                        |          | Code   | v   | (A)   | (D)                                     | Date<br>Exercis                                 | sable                         | Expiration<br>Date |   | or<br>Numbe<br>of<br>Shares     |                         |   |  |   |                                       |

## Explanation of Responses:

- 1. The price represents the weighted average price with a low of \$57.79 and a high of \$58.695. The Reporting Person undertakes to provide G1 Therapeutics, Inc., any security holder of G1 Therapeutics, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in footnotes 1 through 6.
- 2. The price represents the weighted average price with a low of \$58.80 and a high of \$59.72.
- 3. The price represents the weighted average price with a low of \$59.88 and a high of \$60.14.
- 4. The price represents the weighted average price with a low of \$60.95 and a high of \$61.05.
- 5. The price represents the weighted average price with a low of \$58.65 and a high of \$59.58.
- 6. The price represents the weighted average price with a low of \$59.68 and a high of \$60.33.

## Remarks:

/s/ Brian Shea, attorney-in-fact 08/31/2018

\*\* Signature of Reporting Person

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.