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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

| 1. Name and Address of Reporting Person [*] HANOVER MARC STEVEN | | | 2. Issuer Name and Ticker or Trading Symbol <u>GTX INC /DE/</u> [GTXI] | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
|---|-----------------------|-------|--|-------------------|--|----------------------|--|--|--|--|
| | | | | X | Director | 10% Owner | | | | |
| | | | | | Officer (give title | Other (specify | | | | |
| (Last) | ast) (First) (Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) | | below) | below) | | | | |
| 175 TOYOTA PLAZA | | | 01/19/2016 | | Chief Executive Officer | | | | | |
| 7TH FLOOR | | | | | | | | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) | vidual or Joint/Group Fili | ng (Check Applicable | | | | |
| (Street) | | | | | Form filed by One De | norting Dereen | | | | |
| MEMPHIS | TN | 38103 | | | Form filed by One Re | porting Person | | | | |
| , | | | | | Form filed by More th Person | an One Reporting | | | | |
| (City) | (State) | (Zip) | | | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| Table 1 Hon Bernaure Cecurities Acquired, Disposed oil, or Benenolary Owned | | | | | | | | | | | |
|---|--|---|------------------------------|---|--------|---------------|---|---|---|---------------------------------------|--|
| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transa Code (8) | | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) | |
| Common Stock | 01/19/2016 | | Р | | 25,000 | A | \$0.4971(1) | 1,240,411 | D | | |
| Common Stock | | | | | | | | 352,875 | I | By Limited Liability Company | |
| Common Stock | | | | | | | | 62,007 | I | By Trust | |
| Common Stock | | | | | | | | 62,007 | I | By Trust | |

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. Transa Code (8) | | of | | 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) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|--|---|------------------------------|---|-----|-----|--|--------------------|---|--|---|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. An Aggregate of 25,000 shares of common stock were purchased in multiple trades on January 19, 2016 at prices ranging from \$0.4899 to \$0.50. The price reported above reflects the weighted average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, GTx, Inc. or a shareholder of GTx, Inc. full information regarding the number of shares and prices at which the transaction was effected.

| <u>/s/ Henry P. Doggrell, by</u> | |
|----------------------------------|--|
| Power of Attorney | |

<u>01/19/2016</u>

** 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.