

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

<b>1. Name and Address of Reporting Person*</b> <u>DALTON JAMES T</u>  (Last) (First) (Middle) <u>175 TOYOTA PLAZA</u> <u>7TH FLOOR</u>  (Street) <u>MEMPHIS TN 38103</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>GTX INC /DE/ [ GTXI ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, Chief Scientific Officer</u>
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>01/17/2013</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/17/2013		M		20,000	A	\$2.65	20,000	D	
Common Stock	01/17/2013		S		20,000	D	\$5.201 <sup>(1)</sup>	0	D	

**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)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$2.65	01/17/2013		M			20,000	(2)	12/31/2020	Common Stock	20,000	(3)	30,000	D	

**Explanation of Responses:**

- An aggregate of 20,000 options were sold in multiple trades on January 17, 2013 at prices ranging from \$5.20 to \$5.26. The price reported above reflects the weighted average sale 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.
- 10,000 options vested and became exercisable on January 1, 2012; 10,000 options vested and became exercisable on January 1, 2013; 10,000 options will vest and become exercisable on January 1, 2014; 10,000 options will vest and become exercisable on January 1, 2015; and 10,000 options will vest and become exercisable on 2016.
- Not applicable.

**Remarks:**

/s/ Henry P. Doggrell, by Power of Attorney 01/18/2013

\*\* 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.