

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G/A

**Under the Securities Exchange Act of 1934
(Amendment No. 1)***

GTX, INC.

(Name of Issuer)

COMMON STOCK, PAR VALUE \$0.001

(Title of Class of Securities)

40052B108

(CUSIP Number)

January 31, 2007

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Atlas Master Fund, Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

5 SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None

6 SHARED VOTING POWER

183,922 (See Item 4)

7 SOLE DISPOSITIVE POWER

None

8 SHARED DISPOSITIVE POWER

183,922 (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

CO

* SEE INSTRUCTIONS BEFORE FILLING OUT.

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Atlas Global, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None

6 SHARED VOTING POWER

183,922 (See Item 4)

7 SOLE DISPOSITIVE POWER

None

8 SHARED DISPOSITIVE POWER

183,922 (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

OO

* SEE INSTRUCTIONS BEFORE FILLING OUT.

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Atlas Global Investments, Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

5 SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None

6 SHARED VOTING POWER

183,922 (See Item 4)

7 SOLE DISPOSITIVE POWER

None

8 SHARED DISPOSITIVE POWER

183,922 (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

CO

* SEE INSTRUCTIONS BEFORE FILLING OUT.

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Atlas Global Investments II, Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

5 SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None

6 SHARED VOTING POWER

183,922 (See Item 4)

7 SOLE DISPOSITIVE POWER

None

8 SHARED DISPOSITIVE POWER

183,922 (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

CO

* SEE INSTRUCTIONS BEFORE FILLING OUT.

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Balyasny Asset Management L.P.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

NUMBER OF SHARES 183,922 (See Item 4)

6 SHARED VOTING POWER

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None (See Item 4)

7 SOLE DISPOSITIVE POWER

183,922 (See Item 4)

8 SHARED DISPOSITIVE POWER

None (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

OO

* SEE INSTRUCTIONS BEFORE FILLING OUT.

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (Entities Only)

Dmitry Balyasny

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

NUMBER OF SHARES 183,922 (See Item 4)

6 SHARED VOTING POWER

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

None (See Item 4)

7 SOLE DISPOSITIVE POWER

183,922 (See Item 4)

8 SHARED DISPOSITIVE POWER

None (See Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

183,922 (See Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

.59%

12 TYPE OF REPORTING PERSON*

IN

* SEE INSTRUCTIONS BEFORE FILLING OUT.

Item 1 (a) Name of Issuer:
GTX, Inc. (the “Company”)

(b) Address of Issuer’s Principal Executive Offices:
3 N. Dunlap Street
Van Vleet Building, 3rd Floor
Memphis, TN 38163

Item 2 (a) – (c) This statement is filed on behalf of the following:

(1) Atlas Master Fund, Ltd., a Cayman Islands corporation (“AMF”), with its principal business office at c/o Walkers SPV Limited, Walker House, P.O. Box 908 GT, George Town, Grand Cayman, Cayman Islands, British West Indies.

(2) Atlas Global, LLC, a Delaware limited liability company (“AG”), with its principal business office at 181 West Madison, Suite 3600, Chicago, IL 60602. AG owns 12.11% of the equity interests in AMF.

(3) Atlas Global Investments, Ltd., a Cayman Islands corporation (“AGI1”), with its principal business office at c/o Walkers SPV Limited, Walker House, P.O. Box 908 GT, George Town, Grand Cayman, Cayman Islands, British West Indies. AGI1 owns 80.60% of the equity interests in AMF.

(4) Atlas Global Investments II, Ltd., a Cayman Islands corporation (“AGI2”), with its principal business office at c/o Walkers SPV Limited, Walker House, P.O. Box 908 GT, George Town, Grand Cayman, Cayman Islands, British West Indies. AGI2 owns 7.29% of the equity interests in AMF.

(5) Balyasny Asset Management L.P., a Delaware limited partnership (“BAM”), with its principal business office at 181 West Madison, Suite 3600, Chicago, IL 60602. BAM is the sole managing member of AG, the investment advisor to each of AG, AGI1 and AGI2 and the investment subadvisor to each of VBF, VLBF, VBFO and VLBFO.

(6) Dmitry Balyasny, a United States citizen whose business address is 181 West Madison, Suite 3600, Chicago, IL 60602. Dmitry Balyasny is the sole managing member of the general partner of BAM.

(d) Title of Class of Securities:
Common Stock, Par Value \$0.001

(e) CUSIP Number:

Item 3 If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:

Not Applicable

Item 4 Ownership:

AMF

(a) Amount Beneficially Owned:

183,922 shares

(b) Percent of Class:

.59%

(c) Number of Shares as to which person has:

(i) sole power to vote or to direct vote:

183,922 shares

(ii) shared power to vote or to direct vote:

None

(iii) sole power to dispose or direct disposition of:

183,922 shares

(iv) shared power to dispose or to direct disposition of:

None

AG

(a) Amount Beneficially Owned:

By virtue of its ownership of 12.11% of the equity interest in AMF, AG may be deemed to beneficially own the 183,922 shares of the Company's Common Stock beneficially owned by AMF.

- (b) Percent of Class:
.59%
- (c) Number of Shares as to which person has:
 - (i) sole power to vote or to direct vote:
None
 - (ii) shared power to vote or to direct vote:
183,922 shares
 - (iii) sole power to dispose or direct disposition of:
None
 - (iv) shared power to dispose or to direct disposition of:
183,922 shares

AGI1

- (a) Amount Beneficially Owned:
By virtue of its ownership of 80.60% of the equity interest in AMF, AGI1 may be deemed to beneficially own the 183,922 shares of the Company's Common Stock beneficially owned by AMF.
- (b) Percent of Class:
.59%
- (c) Number of Shares as to which person has:
 - (i) sole power to vote or to direct vote:
None
 - (ii) shared power to vote or to direct vote:
183,922 shares
 - (iii) sole power to dispose or direct disposition of:

None

(iv) shared power to dispose or to direct disposition of:

183,922 shares

AGI2

(a) Amount Beneficially Owned:

By virtue of its ownership of 7.29% of the equity interest in AMF, AGI2 may be deemed to beneficially own the 183,922 shares of the Company's Common Stock beneficially owned by AMF.

(b) Percent of Class:

.59%

(c) Number of Shares as to which person has:

(i) sole power to vote or to direct vote:

None

(ii) shared power to vote or to direct vote:

183,922 shares

(iii) sole power to dispose or direct disposition of:

None

(iv) shared power to dispose or to direct disposition of:

183,922 shares

BAM

(a) Amount Beneficially Owned:

By virtue of its position as investment advisor to each of AG, AGI1 and AGI2 and its role as sole managing member of AG, BAM may be deemed to beneficially own the 183,922 shares of the Company's Common Stock beneficially owned by AG, AGI1 and AGI2.

(b) Percent of Class:

.59%

(c) Number of Shares as to which person has:

(i) sole power to vote or to direct vote:

183,922 shares

(ii) shared power to vote or to direct vote:

None

(iii) sole power to dispose or direct disposition of:

183,922 shares

(iv) shared power to dispose or to direct disposition of:

None

Dmitry Balyasny

(a) Amount Beneficially Owned:

By virtue of his position as the sole managing member of the general partner of BAM, Mr. Balyasny may be deemed to beneficially own the 183,922 shares of the Company's Common Stock beneficially owned by BAM.

(b) Percent of Class:

.59%

(c) Number of Shares as to which person has:

(i) sole power to vote or to direct vote:

183,922 shares

(ii) shared power to vote or to direct vote:

None

(iii) sole power to dispose or direct disposition of:

183,922 shares

(iv) shared power to dispose or to direct disposition of:

None

Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not Applicable

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 5, 2007

ATLAS MASTER FUND, LTD.

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Signatory

ATLAS GLOBAL, LLC

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Signatory

ATLAS GLOBAL INVESTMENTS, LTD.

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Signatory

ATLAS GLOBAL INVESTMENTS II, LTD.

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Signatory

BALYASNY ASSET MANAGEMENT L.P.

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Signatory

DMITRY BALYASNY

By: /s/ Scott Schroeder
Scott Schroeder
Authorized Representative and Executive Officer
Managing Director of Finance and General Counsel