

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Duane D Miller</td> <td>09/10/2004</td> </tr> <tr> <td>Karen A Veverka</td> <td>08/26/2004</td> </tr> <tr> <td>Kiwon Chung</td> <td>07/27/2005</td> </tr> </tbody> </table>		Name	Execution Date	Duane D Miller	09/10/2004	Karen A Veverka	08/26/2004	Kiwon Chung	07/27/2005
Name	Execution Date								
Duane D Miller	09/10/2004								
Karen A Veverka	08/26/2004								
Kiwon Chung	07/27/2005								
RECEIVING PARTY DATA									
Name:	GTx, Inc								
Street Address:	3 North Dunlap, 3rd Floor								
Internal Address:	Van Vleet Building								
City:	Memphis								
State/Country:	TENNESSEE								
Postal Code:	38163								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10754626</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10754626				
Property Type	Number								
Application Number:	10754626								
CORRESPONDENCE DATA									
Fax Number:	(212)632-3489								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	212-632-3480								
Email:	pusdkt@pczlaw.com								
Correspondent Name:	PEARL COHEN ZEDEK LATZER,LLP								
Address Line 1:	10 ROCKEFELLER PLAZA								
Address Line 2:	SUITE 1001								
Address Line 4:	NEW YORK, NEW YORK 10020								
NAME OF SUBMITTER:	Lesleigh Drus								

Total Attachments: 7
 source=P-5498-US-FULL EXECUTED ASSIGNMENT#page1.tif
 source=P-5498-US-FULL EXECUTED ASSIGNMENT#page2.tif

CH \$40.00 10754626

source=P-5498-US-FULL EXECUTED ASSIGNMENT#page3.tif
source=P-5498-US-FULL EXECUTED ASSIGNMENT#page4.tif
source=P-5498-US-FULL EXECUTED ASSIGNMENT#page5.tif
source=P-5498-US-FULL EXECUTED ASSIGNMENT#page6.tif
source=P-5498-US-FULL EXECUTED ASSIGNMENT#page7.tif

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, MILLER, Duane D. residing at 8706 Maple Creek Cove, Germantown, TN 38139, USA; VEVERKA, Karen A. residing at 669 Featherwind Cove S., Cordova, TN 38018, USA; CHUNG, Kiwon residing at 530 Warwick Willow Lane, Collierville, TN 38017, USA

Hereby sell, assign and transfer to GTX, Inc., located at 3 North Dunlap, 3rd Floor, Van Vleet Building, Memphis, TN 38163 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 10/754,626 filed January 12, 2004 and being entitled:


LARGE-SCALE SYNTHESIS OF SELECTIVE ANDROGEN RECEPTOR MODULATORS and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions. I hereby authorize and request the attorney of record of the firm Eitan, Pearl, Latzer & Cohen Zedek, LLP, 10 Rockefeller Plaza, Suite 1001, New York, New York 10020, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign

Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: <u>Brenda C. McGee</u> [Signature]	<u></u> [Inventor's Signature]
<u>BRENDA C. MCGEE</u> [Name]	MILLER, Duane D.
<u>6574 SWINGATE CR.</u> [Address]	
<u>10 9 04</u> [Date]	
[day / month / year]	

Witness: _____ [Signature]	_____ [Inventor's Signature]
_____ [Name]	VEVERKA, Karen A.
_____ [Address]	
_____ [Date]	
[day / month / year]	

Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: _____ [Signature] _____ [Inventor's Signature]
_____ [Name] MILLER, Duane D.
_____ [Address]
_____ [Date]
_____ [day / month / year]

Witness: Ginny Lynch [Signature] [Handwritten Signature] [Inventor's Signature]
Ginny Lynch [Name] VEVERKA, Karen A.
3.N. Dunlap St, Memphis TN 38163 [Address]
26 08 04 [Date]
_____ [day / month / year]

Docket No.: P-5498-US

Witness: _____	[Signature]	_____	[Inventor's Signature]
_____	[Name]	CHUNG, Kiwon	
_____	[Address]		
_____	[Date]		
[day / month / year]			

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, STEINER, Mitchell S. residing at 8894 Silver Bark Drive, Germantown, TN 38138, USA; DALTON, James T. residing at 2706 Wellesley Drive, Upper Arlington, OH 43221, USA; MILLER, Duane D. residing at 8706 Maple Creek Cove, Germantown, TN 38139, USA

Hereby sell, assign and transfer to GTX, Inc., located at 3 North Dunlap, 3rd Floor, Van Vleet Building, Memphis, TN 38163 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. () filed () and being entitled:

LARGE-SCALE SYNTHESIS OF SELECTIVE ANDROGEN RECEPTOR MODULATORS
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions. I hereby authorize and request the attorney of record of the firm Eitan, Pearl, Latzer & Cohen Zedek, LLP., 10 Rockefeller Plaza, Suite 1001, New York, New York 10020, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the

provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

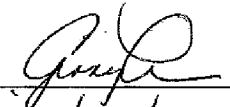

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: _____ [Signature] _____ [Inventor's Signature]
_____ [Name] STEINER, Mitchell S.
_____ [Address]
_____ [Date]
_____ [day / month / year]

Witness: _____ [Signature] _____ [Inventor's Signature]
_____ [Name] DALTON, James T.
_____ [Address]
_____ [Date]
_____ [day / month / year]

Witness: _____ [Signature] _____ [Inventor's Signature]
_____ [Name] MILLER, Duane D.
_____ [Address]
_____ [Date]
_____ [day / month / year]

Witness: _____ [Signature] _____ [Inventor's Signature]
_____ [Name] VEVERKA, Karen A.
_____ [Address]
_____ [Date]
_____ [day / month / year]

Witness:  _____ [Signature]  [Inventor's Signature]
Ginny Lyrek [Name] CHUNG, Kiwon
3 N. Dunlap St, Memphis TN 38163 [Address]
26 07 2005 [Date]
_____ [day / month / year]