

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>John Charles Tomesch</td><td>04/15/2008</td></tr><tr><td>Peng Li</td><td>04/15/2008</td></tr><tr><td>Wei Yao</td><td>04/15/2008</td></tr><tr><td>Qiang Zhang</td><td>04/16/2008</td></tr><tr><td>David James Beard</td><td>04/15/2008</td></tr><tr><td>Andrew Thompson</td><td>03/19/2008</td></tr><tr><td>Hua Cheng</td><td>03/19/2008</td></tr></tbody></table>	Name	Execution Date	John Charles Tomesch	04/15/2008	Peng Li	04/15/2008	Wei Yao	04/15/2008	Qiang Zhang	04/16/2008	David James Beard	04/15/2008	Andrew Thompson	03/19/2008	Hua Cheng	03/19/2008	
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David James Beard	04/15/2008																
Andrew Thompson	03/19/2008																
Hua Cheng	03/19/2008																
RECEIVING PARTY DATA																	
Name:	INTRA-CELLULAR THERAPIES, Inc.																
Street Address:	3690 Broadway																
City:	New York																
State/Country:	NEW YORK																
Postal Code:	10032																
PROPERTY NUMBERS Total: 1																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12531016</td></tr></tbody></table>	Property Type	Number	Application Number:	12531016													
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Application Number:	12531016																
CORRESPONDENCE DATA																	
Fax Number:	(973)912-5236																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	(973)912-5232																
Email:	file@hoxpat.com																
Correspondent Name:	Hoxie & Associates LLC																
Address Line 1:	75 Main Street, Suite 301																
Address Line 4:	Millburn, NEW JERSEY 07041																
ATTORNEY DOCKET NUMBER:	IT-07-US																

501084957

PATENT
REEL: 023896 FRAME: 0872

CH \$40.00 12531016

NAME OF SUBMITTER:

BRITTANY LA

Total Attachments: 15

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- JOHN CHARLES TOMESCH - ANDREW THOMPSON
- PENG LI - HUA CHENG
- WEI YAO
- QIANG ZHANG
- DAVID JAMES BEARD

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 03/19/2008, 04/15/2008, & 04/16/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: INTRA-CELLULAR THERAPIES, INC.

Internal Address: _____

Street Address: 3690 BROADWAY

City: NEW YORK

State: NEW YORK

Country: UNITED STATES Zip: 10032

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No (s)

B. Patent No.(s)

12/531,016

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: HOXIE & ASSOCIATES LLC

Internal Address: _____

Street Address: 75 MAIN STREET

SUITE 301

City: MILLBURN

State: NEW JERSEY Zip: 07941

Phone Number: (973)912-5232

Fax Number: (973)912-5236

Email Address: file@hoxpat.com

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

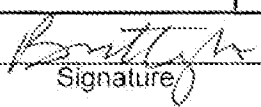
- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-4255

Authorized User Name BRITTANY LA

9. Signature:


Signature

2/4/10
Date

BRITTANY LA

Name of Person Signing

Total number of pages, including cover sheet, attachments, and documents:

15

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, John Charles Tomesch, citizen of the United States of America, residing at 9 Lindbergh Lane, Succasunna, NJ 07876, United States (hereinafter "Assignor"), made certain new and useful inventions and improvements for which I executed (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473 and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS;

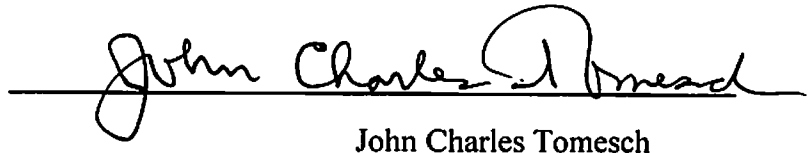
AND WHEREAS, Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of
April, 2008.


John Charles Tomesch

ASSIGNMENT

WHEREAS, I, Peng Li, citizen of People's Republic of China, residing at 336 Shea Drive, New Milford, NJ 07646, United States (hereinafter "Assignor"), made certain new and useful inventions and improvements for which I executed (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473 and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS;


AND WHEREAS, Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15th day of April, 2008.



Peng Li

ASSIGNMENT

WHEREAS, I, Wei Yao, citizen of People's Republic of China, residing at 336 Shea Drive, New Milford, NJ 07646, United States (hereinafter "Assignor"), made certain new and useful inventions and improvements for which I executed (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473 and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS;

AND WHEREAS, Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of April, 2008.



Wei Yao

ASSIGNMENT

WHEREAS, I, Qiang Zhang, citizen of People's Republic of China, residing at 28 Spencer Street, Somerset, NJ 08873, United States (hereinafter "Assignor"), made certain new and useful inventions and improvements for which I executed (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473 and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS.

AND WHEREAS, Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of April, 2008.



Qiang Zhang

ASSIGNMENT

WHEREAS, I, David James Beard, citizen of the United States of America, residing at 93 First Avenue, Apartment 3A, New York, NY 10003, United States (hereinafter "Assignor"), made certain new and useful inventions and improvements for which I executed (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473 and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS;

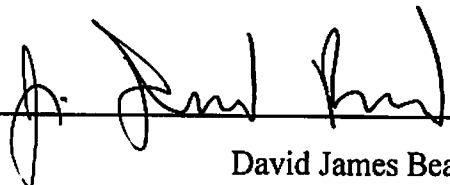
AND WHEREAS, Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15th day of April, 2008.



David James Beard

ASSIGNMENT

WHEREAS, I, Andrew Thompson, citizen of the United States of America, residing at, 1144 Sawmill Road, Mountainside, New Jersey, 07092, on behalf of myself and/or J-Star Research, Inc., having an office and place of business at 3001 Hadley Road, Suites 1-4, South Plainfield, New Jersey 07080, (hereinafter "Assignor"), made certain new and useful inventions and/or improvements in the course of my performance of the work as set forth in Purchase Order No. 40909 dated May 11, 2006, Confidential Price Quote dated May 5, 2006, Confidential Price Quote dated December 6, 2005 and Confidential Price Quote dated December 15, 2005, wherein I have performed certain synthesis and process research and development work (hereinafter "The Work"), for the benefit of Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee");

WHEREAS Intra-Cellular Therapies, Inc., the Assignee, has paid for and is the owner of The Work and the results and inventions made in the course thereof;

AND WHEREAS Intra-Cellular Therapies, Inc., the Assignee, has decided and/or will decide to seek patent applications directed to *inter alia* inventions made solely or jointly by me in the course of the Work, some of which applications include, but are not limited to (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473; and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS (hereinafter any and all patent applications directed to inventions and improvements made solely or jointly by me in the course of The Work, which patent applications have been or will be filed are collectively known as "Patent Applications" or "The Patent Applications");

AND WHEREAS, Intra-Cellular Therapies, Inc., is desirous of acquiring the entire right, title and interest in and to The Patent Applications;


NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements I have made or may have made in the course of The Work, and/or all inventions

and improvements disclosed in the aforesaid Patent Applications; and in and to all such Patent Applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives, will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, Patent Applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I, the Assignor, have hereunto set my hand this 19th
day of March, 2008.



Andrew Thompson

ASSIGNMENT

WHEREAS, I, Hua Cheng, citizen of People's Republic of China, residing at, 2611 Quail Ridge Drive, Plainsboro, New Jersey 08536, on behalf of myself and J-Star Research, Inc., having an office and place of business at 3001 Hadley Road, Suites 1-4, South Plainfield, New Jersey 07080, (hereinafter "Assignor"), made certain new and useful inventions and/or improvements in the course of my performance of the work as set forth in Purchase Order No. 40909 dated May 11, 2006, Confidential Price Quote dated May 5, 2006, Confidential Price Quote dated December 6, 2005 and Confidential Price Quote dated December 15, 2005, wherein I have performed certain synthesis and process research and development work (hereinafter "The Work"), for the benefit of Intra-Cellular Therapies, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3690 Broadway, New York, NY 10032 (hereinafter "Assignee");

WHEREAS Intra-Cellular Therapies, Inc., the Assignee has paid for and is the owner of The Work and the results and inventions made in the course thereof;

AND WHEREAS Intra-Cellular Therapies, Inc., the Assignee, has decided and/or will decide to seek patent applications directed to *inter alia* inventions made solely or jointly by me in the course of the Work, some of which applications include, but are not limited to (1) an application for Letters Patent of the United States on March 12, 2007 as Application Number 60/906,473; and (2) an international application under the Patent Corporation Treaty on March 12, 2008, which applications are entitled SUBSTITUTED HETEROCYCLE GAMMA-CARBOLINES SYNTHESIS (hereinafter any and all patent applications directed to inventions and improvements made solely or jointly by me in the course of The Work, which patent applications have been or will be filed are collectively known as "Patent Applications" or "The Patent Applications");

AND WHEREAS, Intra-Cellular Therapies, Inc., is desirous of acquiring the entire right, title and interest in and to The Patent Applications;

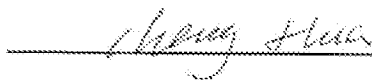
NOW, THEREFORE, to all whom it may concern, be it known that for consideration in the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, the Assignor, have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements I have made or may have made in the course of The Work, and/or all inventions

and improvements disclosed in the aforesaid Patent Applications; and in and to all such Patent Applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from and related thereto, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I, the Assignor, do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, Patent Applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I, the Assignor, covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I, the Assignor, have hereunto set my hand this 19th day of March, 2008.



Hua Cheng