

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Pui Yee Ng</td><td>01/28/2011</td></tr> <tr><td>Charles Blum</td><td>01/31/2011</td></tr> <tr><td>Lauren McPherson</td><td>01/25/2011</td></tr> <tr><td>Robert B. Perni</td><td>02/03/2011</td></tr> <tr><td>Chi B. Vu</td><td>01/27/2011</td></tr> <tr><td>Mohammed Mahmood Ahmed</td><td>06/14/2012</td></tr> <tr><td>Jeremy S. Disch</td><td>01/28/2011</td></tr> </tbody> </table>		Name	Execution Date	Pui Yee Ng	01/28/2011	Charles Blum	01/31/2011	Lauren McPherson	01/25/2011	Robert B. Perni	02/03/2011	Chi B. Vu	01/27/2011	Mohammed Mahmood Ahmed	06/14/2012	Jeremy S. Disch	01/28/2011
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<b>RECEIVING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>SIRTRIS PHARMACEUTICALS INC.</td></tr> <tr><td><b>Street Address:</b></td><td>200 Technology Square</td></tr> <tr><td><b>Internal Address:</b></td><td>Suite 300</td></tr> <tr><td><b>City:</b></td><td>Cambridge</td></tr> <tr><td><b>State/Country:</b></td><td>MASSACHUSETTS</td></tr> <tr><td><b>Postal Code:</b></td><td>02139</td></tr> </table>		<b>Name:</b>	SIRTRIS PHARMACEUTICALS INC.	<b>Street Address:</b>	200 Technology Square	<b>Internal Address:</b>	Suite 300	<b>City:</b>	Cambridge	<b>State/Country:</b>	MASSACHUSETTS	<b>Postal Code:</b>	02139				
<b>Name:</b>	SIRTRIS PHARMACEUTICALS INC.																
<b>Street Address:</b>	200 Technology Square																
<b>Internal Address:</b>	Suite 300																
<b>City:</b>	Cambridge																
<b>State/Country:</b>	MASSACHUSETTS																
<b>Postal Code:</b>	02139																
<b>PROPERTY NUMBERS Total: 1</b>																	
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<b>PCT Number:</b>	US1054880																
<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (610)270-5253</p> <p>Phone: 610-270-5038</p> <p>Email: US_CIPKOP@GSK.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: GlaxoSmithKline</p> <p>Address Line 1: 709 Swedeland Road</p> <p>Address Line 2: CIP UW2220</p> <p>Address Line 4: King of Prussia, PENNSYLVANIA 19406</p>																	

CH \$40.00 US1054880

**PATENT**

**501957367**

**REEL: 028384 FRAME: 0976**

ATTORNEY DOCKET NUMBER:	SIRT059/SIRTRIS
NAME OF SUBMITTER:	Deborah A. Becker
<p>Total Attachments: 14</p> <p>source=SIRT059 Assignment#page1.tif</p> <p>source=SIRT059 Assignment#page2.tif</p> <p>source=SIRT059 Assignment#page3.tif</p> <p>source=SIRT059 Assignment#page4.tif</p> <p>source=SIRT059 Assignment#page5.tif</p> <p>source=SIRT059 Assignment#page6.tif</p> <p>source=SIRT059 Assignment#page7.tif</p> <p>source=SIRT059 Assignment#page8.tif</p> <p>source=SIRT059 Assignment#page9.tif</p> <p>source=SIRT059 Assignment#page10.tif</p> <p>source=SIRT059 Assignment#page11.tif</p> <p>source=SIRT059 Assignment#page12.tif</p> <p>source=SIRT059 Assignment#page13.tif</p> <p>source=SIRT059 Assignment#page14.tif</p>	

PCT  
ASSIGNMENT

I/We,

- (1) Pui Yee Ng;
- (2) Charles Blum;
- (3) Lauren McPherson;
- (4) Robert B. Perni;
- (5) Chi B. Vu;
- (6) Mohammed Mahmood Ahmed;
- (7) Jeremy S. Disch

residing at

- (1) 22 Atwill Road, Boston, Massachusetts 02132 U.S.A.,
- (2) 785 West Pond Meadow Road, Westbrook, Connecticut 06498

U.S.A.,

- (3) 182 Highland Avenue, Apt. #1, Somerville, Massachusetts 02143 U.S.A.,
- (4) 130 Robert Road, Marlborough, Massachusetts 01752 U.S.A.,
- (5) 79 Bay State Road, Arlington, Massachusetts 02474 U.S.A.,
- (6) 11 Biopolis Way, The Helios, 06-03/04 Singapore,
- (7) 18 Waban Street, Natick, Massachusetts 01760 U.S.A.,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to SIRTRIS PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware and having an office and a place of business at 200 Technology Square, Suite 300, Cambridge, Massachusetts 02139 U.S.A., its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all our inventions and discoveries disclosed in our International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on 29 October 2010 assigned serial number PCT/US2010/054880, entitled: "BICYCLIC PYRIDINES AND ANALOGS AS SIRTUIN MODULATORS", and designating all PCT member countries, including Albania

(AL), Algeria (DZ), Angola (AO), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Bahrain (BH), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), Chile (CL), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Dominican Republic (DO), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guatemala (GT), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakhstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahiriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Malta (MT), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Montenegro (ME), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Papua New Guinea (PG), Peru (PE), the Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), São Tomé and Príncipe (ST), Senegal (SN), Serbia (RS), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), Thailand (TH), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Zambia (ZM) and Zimbabwe (ZW), and all other PCT member countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof,

and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of SIRTRIS PHARMACEUTICALS, INC., its designee, or in our names at SIRTRIS PHARMACEUTICALS, INC., or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

Serial No.	Country	Filing Date
61/256,269	United States	29 October 2009

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to SIRTRIS PHARMACEUTICALS, INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

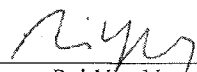
We agree, at any time, upon the request of SIRTRIS PHARMACEUTICALS, INC. to execute and to deliver to SIRTRIS PHARMACEUTICALS, INC. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree, at any time, upon request of SIRTRIS PHARMACEUTICALS, INC. to execute and to deliver to SIRTRIS PHARMACEUTICALS, INC. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of SIRTRIS PHARMACEUTICALS, INC.

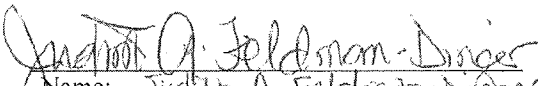
under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

It is our intention that this assignment be effective as of the earliest priority date, 29 October 2009, of the earliest priority claim, 61/256,269.

ASSIGNOR:

  
\_\_\_\_\_  
Pui Yee Ng

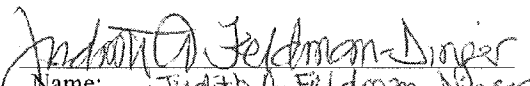
Witness:

  
Name: Judith A. Feldman-Dinger  
Date: 28-Jan-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139

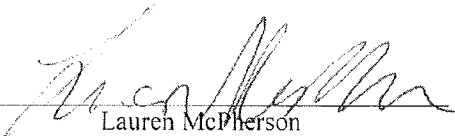
ASSIGNOR:

  
\_\_\_\_\_  
Charles Blum


Witness:

  
Name: Judith A. Feldman-Dinger  
Date: 31-Jan-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139

ASSIGNOR:

  
Lauren McPherson

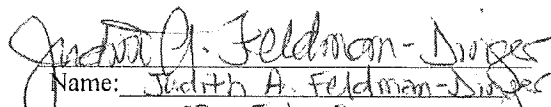
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Name: Judith A. Feldman-Dinger  
Date: 25-Jan-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139

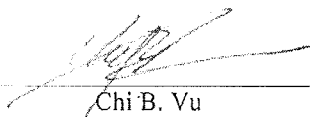
ASSIGNOR:

  
Robert B. Perni

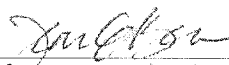
Witness:

  
Name: Judith A. Feldman-Dinger  
Date: 03-Feb-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139

ASSIGNOR:

  
Chi B. Vu

Witness:

  
Name: JEAN BEMIS  
Date: 27 JAN 2011  
Address: 256 Appleton St  
Arlington, MA 02476


ASSIGNOR:

Mohammed Mahmood Ahmed


Witness:

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

  
Jeremy S. Disch

Witness:

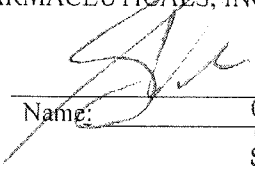
  
Name: Judith A. Feldman-Dugan  
Date: 28-Jan-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139



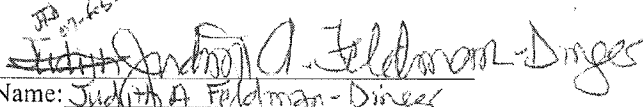
ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of SIRTRIS  
PHARMACEUTICALS, INC.

By:

  
Name: George P. Vlasuk, Ph.D.  
Chief Executive Officer  
Sirtis, a GSK Company  
200 Technology Square, Suite 300  
Cambridge, MA 02139

Witness:

<sup>Feb 07-2011</sup>  
  
Name: Judith A. Feldman-Dinger  
Date: 07-Feb-2011  
Address: 200 Technology Sq.  
Cambridge, MA 02139

PCT  
ASSIGNMENT

I/We,

- (1) Pui Yee Ng;
- (2) Charles Blum;
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- (6) 11 Biopolis Way, The Helios, 06-03/04 Singapore,
- (7) 18 Waban Street, Natick, Massachusetts 01760 U.S.A.,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to SIRTRIS PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware and having an office and a place of business at 200 Technology Square, Suite 300, Cambridge, Massachusetts 02139 U.S.A., its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all our inventions and discoveries disclosed in our International Patent Application, filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on 29 October 2010 assigned serial number PCT/US2010/054880, entitled: "BICYCLIC PYRIDINES AND ANALOGS AS SIRTUIN MODULATORS", and designating all PCT member countries, including Albania

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and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of SIRTRIS PHARMACEUTICALS, INC., its designee, or in our names at SIRTRIS PHARMACEUTICALS, INC., or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following priority application(s):

Serial No.	Country	Filing Date
61/256,269	United States	29 October 2009

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It is our intention that this assignment be effective as of the earliest priority date, 29 October 2009, of the earliest priority claim, 61/256,269.

ASSIGNOR:

\_\_\_\_\_  
Pui Yee Ng

Witness:

\_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

\_\_\_\_\_  
Charles Blum

Witness:

\_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

\_\_\_\_\_  
Lauren McPherson

Witness:

\_\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

\_\_\_\_\_  
Robert B. Perni

Witness:

\_\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:

Chi B. Vu

Witness:

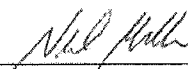
Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR:



Mohammed Mahmood Ahmed

Witness:

  
Name: NEIL MILLER  
Date: 14-JUN-2012  
Address: ALAXOSMITHKLINE, THE  
HEMOS, BIOPOLIS, SINGAPORE 269768

ASSIGNOR:

Jeremy S. Disch

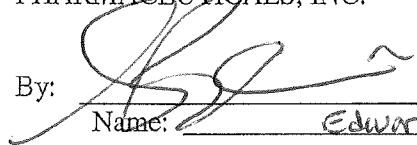
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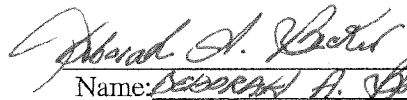
ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of SIRTRIS  
PHARMACEUTICALS, INC.

By:

  
Name: Edward Gimmi

Witness:

  
Name: Deborah A. Becker  
Date: June 20/12  
Address: KING OF PRUSSIA  
PA 19156