

## 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>Vaclav Jurcik</td> <td>07/03/2013</td> </tr> <tr> <td>Beatriz Dominguez Olmo</td> <td>07/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vaclav Jurcik	07/03/2013	Beatriz Dominguez Olmo	07/12/2013						
Name	Execution Date												
Vaclav Jurcik	07/03/2013												
Beatriz Dominguez Olmo	07/12/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Vertex Pharmaceuticals (Europe) Limited</td> </tr> <tr> <td>Street Address:</td> <td>86-88 Jubilee Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>Milton Park</td> </tr> <tr> <td>City:</td> <td>Abingdon</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>OX14 4RW</td> </tr> </table>		Name:	Vertex Pharmaceuticals (Europe) Limited	Street Address:	86-88 Jubilee Avenue	Internal Address:	Milton Park	City:	Abingdon	State/Country:	UNITED KINGDOM	Postal Code:	OX14 4RW
Name:	Vertex Pharmaceuticals (Europe) Limited												
Street Address:	86-88 Jubilee Avenue												
Internal Address:	Milton Park												
City:	Abingdon												
State/Country:	UNITED KINGDOM												
Postal Code:	OX14 4RW												
PROPERTY NUMBERS Total: 2													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13541504</td> </tr> <tr> <td>PCT Number:</td> <td>US2012045431</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13541504	PCT Number:	US2012045431						
Property Type	Number												
Application Number:	13541504												
PCT Number:	US2012045431												
CORRESPONDENCE DATA													
<p>Fax Number: 6173416483  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-341-6100        Email: Carolyn_Anderson@vrtx.com        Correspondent Name: Vertex Pharmaceuticals Incorporated        Address Line 1: 130 Waverly Street        Address Line 4: Cambridge, MASSACHUSETTS 02139</p>													
ATTORNEY DOCKET NUMBER:	VPI/08-126 US AND WO												
NAME OF SUBMITTER:	Carolyn Anderson												
Signature:	/Carolyn Anderson/												

Date:

07/30/2013

**Total Attachments: 12**

source=08-126USWO-Assignment#page1.tif  
source=08-126USWO-Assignment#page2.tif  
source=08-126USWO-Assignment#page3.tif  
source=08-126USWO-Assignment#page4.tif  
source=08-126USWO-Assignment#page5.tif  
source=08-126USWO-Assignment#page6.tif  
source=08-126USWO-Assignment#page7.tif  
source=08-126USWO-Assignment#page8.tif  
source=08-126USWO-Assignment#page9.tif  
source=08-126USWO-Assignment#page10.tif  
source=08-126USWO-Assignment#page11.tif  
source=08-126USWO-Assignment#page12.tif

## ASSIGNMENT

We,

(1) Václav Jurcik, of Cambridge, United Kingdom; and

(2) Beatriz Dominguez Olmo, of Bury St. Edmunds, United Kingdom,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, by virtue of our agreement with Vertex Pharmaceuticals (Europe) Limited, and do hereby assign, sell and transfer to, Vertex Pharmaceuticals (Europe) Limited, a company registered in England and Wales under registered number 02907620 and having an office and a place of business at 86-88 Jubilee Avenue, Milton Park, Abingdon, Oxfordshire OX14 4RW U.K., its successors and assigns, all hereinafter referred to as the ASSIGNEE:

(1) the entire right, title and interest in all countries throughout the world in and to any and all of my/our inventions, and discoveries disclosed in:

(a) the application for United States Letters Patent entitled: PROCESSES AND INTERMEDIATES FOR PRODUCING AZAINDOLES, and filed in the United States Patent and Trademark Office on July 3, 2012, under Application Number 13/541,504, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: PROCESSES AND INTERMEDIATES FOR PRODUCING AZAINDOLES, filed under the Patent Cooperation Treaty in the United States Receiving Office on July 3, 2012, under Application No. PCT/US2012/045431, and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the election of the ASSIGNEE or its designee, on the aforesaid inventions, discoveries and applications in any country throughout the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in any country throughout the world, and in and to any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof; 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 above inventions, discoveries and applications including, but not limited to, the following priority application(s):

61/076,347	US	June 27, 2008
Application No.	Country	Filing Date
61/222,041	US	June 30, 2009
Application No.	Country	Filing Date
61/360,642	US	July 1, 2010
Application No.	Country	Filing Date
61/504,351	US	July 5, 2011
Application No.	Country	Filing Date

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 throughout the world to 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 the ASSIGNEE to execute and to deliver to the ASSIGNEE 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 to execute and to deliver upon request of the ASSIGNEE 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 the rights of the ASSIGNEE 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.

Václav Jurčík

(1) Václav Jurčík

Date: 3.7.2013

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) A. B.

Printed Name of Witness: ANDREW BLACKBURY

this 3rd day of July 2013.  
Date of signing

Signature of witness: (2) J. P.

Printed Name of Witness: JACQUES LE PAH

this 3rd day of July 2013.  
Date of signing

\_\_\_\_\_  
(2) Beatriz Dominguez Olmo

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

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

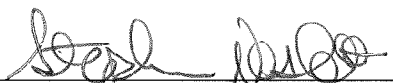
this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing

Signature of witness: (2) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing

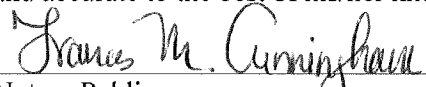
ACKNOWLEDGMENT OF ASSIGNEE

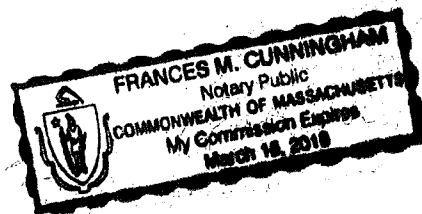
By:   
Stephen L. Nesbitt  
Vice President and Chief IP Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: July 30, 2013

Commonwealth of Massachusetts  
County of Middlesex

On this 30<sup>th</sup> day of July, 2013, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) \_\_\_\_\_, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public  
My Commission Expires: 3/16/2018.



## ASSIGNMENT

We,

(1) Václav Jurčík, of Cambridge, United Kingdom; and

(2) Beatriz Dominguez Olmo, of Bury St. Edmunds, United Kingdom,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, by virtue of our agreement with Vertex Pharmaceuticals (Europe) Limited, and do hereby assign, sell and transfer to, Vertex Pharmaceuticals (Europe) Limited, a company registered in England and Wales under registered number 02907620 and having an office and a place of business at 86-88 Jubilee Avenue, Milton Park, Abingdon, Oxfordshire OX14 4RW U.K., its successors and assigns, all hereinafter referred to as the ASSIGNEE:

(1) the entire right, title and interest in all countries throughout the world in and to any and all of my/our inventions, and discoveries disclosed in:

(a) the application for United States Letters Patent entitled: PROCESSES AND INTERMEDIATES FOR PRODUCING AZAINDOLES, and filed in the United States Patent and Trademark Office on July 3, 2012, under Application Number 13/541,504, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: PROCESSES AND INTERMEDIATES FOR PRODUCING AZAINDOLES, filed under the Patent Cooperation Treaty in the United States Receiving Office on July 3, 2012, under Application No. PCT/US2012/045431, and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the election of the ASSIGNEE or its designee, on the aforesaid inventions, discoveries and applications in any country throughout the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in any country throughout the world, and in and to any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof; 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 above inventions, discoveries and applications including, but not limited to, the following priority application(s):

61/076,347	US	June 27, 2008
Application No.	Country	Filing Date
61/222,041	US	June 30, 2009
Application No.	Country	Filing Date
61/360,642	US	July 1, 2010
Application No.	Country	Filing Date
61/504,351	US	July 5, 2011
Application No.	Country	Filing Date

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 throughout the world to 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 the ASSIGNEE to execute and to deliver to the ASSIGNEE 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 to execute and to deliver upon request of the ASSIGNEE 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 the rights of the ASSIGNEE 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.

\_\_\_\_\_  
(1) Václav Jurcik

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

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_.  
Date of signing

Signature of witness: (2) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_.  
Date of signing

Beatriz Dominguez Olmo

(2) Beatriz Dominguez Olmo

Date: 12th July 2013

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) Antonio Zanotti

Printed Name of Witness: Antonio ZANOTTI - GEROSA


this 12<sup>th</sup> day of JULY 2013  
Date of signing

Signature of witness: (2) Cokina Scribaw

Printed Name of Witness: COKINA SCRIBAW

this \_\_\_\_\_ day of 12.07.2013  
Date of signing


ACKNOWLEDGMENT OF ASSIGNEE

By:   
Stephen L. Nesbitt  
Vice President and Chief IP Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: July 30, 2013

Commonwealth of Massachusetts  
County of Middlesex

On this 30th day of July, 2013, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) \_\_\_\_\_, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public  
My Commission Expires: 3/16/2018.

