

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4836188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREAS JOHANNIS KARAS	01/26/2018
CHRISTOPHER MARK LONGSHAW	01/26/2018
LETICIA DELGADO-HERRERA	02/19/2018
BERNHARDT GEORGE ZEIHNER	01/29/2018
RECEIVING PARTY DATA	
Name:	ASTELLAS PHARMA EUROPE LTD.
Street Address:	2000 HILLSWOOD DRIVE
City:	CHERTSEY, SURREY
State/Country:	UNITED KINGDOM
Postal Code:	KT16 0RS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15741656
CORRESPONDENCE DATA	
Fax Number:	(202)739-3001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	ROBERT SMYTH
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Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	031788-5009
NAME OF SUBMITTER:	ROBERT SMYTH
SIGNATURE:	/robert smyth/
DATE SIGNED:	02/22/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

Dosage Regimen for a Tiacumicin Compound

for which WE filed a national stage application for United States Letters Patent based off of PCT/EP2016/001140; and

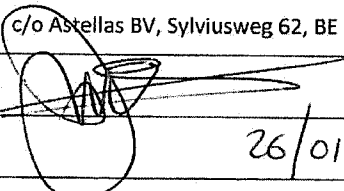
WHEREAS **Astellas Pharma Europe Ltd.** whose post office address is **2000 Hillswood Drive, Chertsey, Surrey KT16 0RS United Kingdom** (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

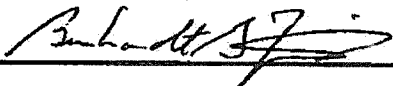
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Andreas Johannis KARAS
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	26/01/2018
Full Name of second Assignor	Christopher Mark LONGSHAW
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	

Full Name of third Assignor	Leticia DELGADO-HERRERA
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	
Full Name of fourth Assignor	Bernhardt George ZEHER
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	29 Jan 2018

ASSIGNMENT

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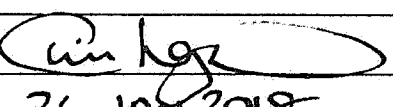
WHEREAS Astellas Pharma Europe Ltd. whose post office address is 2000 Hillswood Drive, Chertsey, Surrey KT16 0RS United Kingdom (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

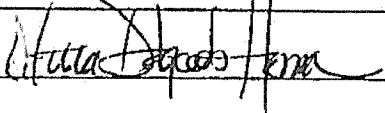
AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Andreas Johannis KARAS
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	
Full Name of second Assignor	Christopher Mark LONGSHAW
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	26 JAN 2018

Morgan, Lewis & Bockius LLP

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Full Name of third Assignor	Leticia DELGADO-HERRERA
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	
Full Name of fourth Assignor	Bernhardt George ZEIHNER
Address	c/o Astellas BV, Sylviusweg 62, BE Leiden 2333 The Netherlands
Signature	
Date	