

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5116990

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC GORDON	03/20/2018
JOHN FREUND	03/20/2018
MARK GALLOP	03/20/2018
MATTHEW ALEXANDER JAMES DUNCTON	03/23/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARIXA PHARMACEUTICALS, INC.
<b>Street Address:</b>	525 UNIVERSITY AVE.
<b>Internal Address:</b>	SUITE 1350
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94301
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16116489
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	kmestressat@sheppardmullin.com, svpatents@sheppardmullin.com
<b>Correspondent Name:</b>	SHEPPARD MULLIN RICHTER & HAMPTON LLP
<b>Address Line 1:</b>	379 LYTTON AVE.
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94301
<b>ATTORNEY DOCKET NUMBER:</b>	57SK-279099
<b>NAME OF SUBMITTER:</b>	KRYSTLE MESTRESSAT
<b>SIGNATURE:</b>	/Krystle Mestressat/
<b>DATE SIGNED:</b>	08/29/2018
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

Eric Gordon  
John Freund  
Mark Gallop  
Matthew Alexander James Duncton

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned agree(s) to and hereby do(es) sell, assign, transfer and set over to

Arixia Pharmaceuticals, Inc.

Corporation, Delaware, U.S.A.

located at 525 University Ave., Suite 1350, Palo Alto CA 94301, U.S.A. (hereinafter designated as the Assignee) the entire worldwide right, title, and interest in and to all inventions and subject matter contained in

### BETA-LACTAMASE INHIBITORS AND USES THEREOF

and in any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein claims to any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, continuations-in-part and extensions; and in any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries for said inventions or subject matter, and in any and all causes of action, past and future, and damages accruing in connection therewith.

1) The undersigned agree(s) to execute all papers necessary or deemed expedient by the Assignee, including all oaths, declarations, assignments, and powers of attorney, in connection with the application, with any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, with any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries, and with any and all causes of action, past and future, and damages accruing in connection therewith.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference, derivative proceeding, reexamination, opposition, post grant proceeding, and any other legal proceeding or cause of action which may be declared concerning this application, any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, and any and all patents and legal protections that have been obtained or shall be obtained in the United States and in all foreign countries, and to cooperate with the Assignee in every way possible in obtaining evidence, including evidence of conception, reduction to practice and/or inventorship as needed.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of any valid United States patent or patent in any foreign country to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents to the Assignee, its successors and assigns, as Assignee of the entire right, title and interest resulting from said application, and any and all patent applications that have been filed or shall be filed in the United States and in all foreign countries that contain or are amended to contain therein any of said inventions or subject matter (whether said patent applications are related or unrelated by right of priority), including any and all continuations, divisions, substitutes, reexaminations, reissues, and extensions, and hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grants Sheppard Mullin Richter & Hampton LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date March 20, 2018 \_\_\_\_\_ ERIC GORDON  
Eric Gordon

Date \_\_\_\_\_  
John Freund

Date \_\_\_\_\_  
Mark Gallop

Date \_\_\_\_\_  
Matt Duncton

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of any valid United States patent or patent in any foreign country to the Assignee.

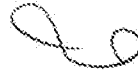
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Date \_\_\_\_\_

\_\_\_\_\_  
Eric Gordon

Date March 20, 2018 \_\_\_\_\_



\_\_\_\_\_  
John Freund

Date \_\_\_\_\_

\_\_\_\_\_  
Mark Gallop

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\_\_\_\_\_  
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Date \_\_\_\_\_

Eric Gordon

Date \_\_\_\_\_

John Freund

Date 3/20/18

  
Mark Gallop

Date \_\_\_\_\_

Matt Duncton

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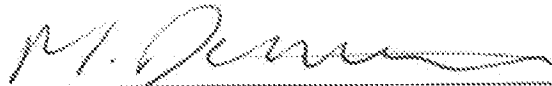
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Date \_\_\_\_\_  
Eric Gordon

Date \_\_\_\_\_  
John Freund

Date \_\_\_\_\_  
Mark Gallop

Date MARCH 23, 2018  
  
Matthew Alexander James Dunton