

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAVINDRA KUMAR	06/11/2013
NAGA VENKATA SAI RAJASEKHAR SURAGANI	06/25/2013
JOHN KNOFF	06/19/2013
RECEIVING PARTY DATA	
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City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17063848
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ATTORNEY DOCKET NUMBER:	1848179-0002-062-104
NAME OF SUBMITTER:	GINNY BLUNDELL
SIGNATURE:	/Ginny Blundell/
DATE SIGNED:	12/06/2021
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Ravindra Kumar, Naga Venkata Sai Rajasekhar Suragani, and John Knopf have invented a certain improvement in **METHODS AND COMPOSITIONS FOR INCREASING RED BLOOD CELLS** described in an application for Letters Patent of the United States, the specification of which:

[X] was filed on March 14, 2013 as Application No. 13/827,477

WHEREAS, Acceleron Pharma, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 128 Sidney Street, Cambridge, MA 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the

giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

As the inventors, we each declare as follows:

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, I have hereunto set my hands and affixed our seal(s) the date set forth below.

Inventor's Signature: *Ravindra Kumar*
Ravindra Kumar

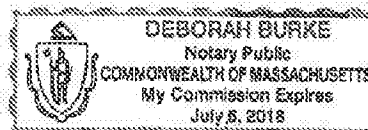
State of Massachusetts
County of Middlesex)

On this 11th day of June, 2013, before me, the undersigned notary public, personally appeared Ravindra Kumar, proved to me through satisfactory evidence of identification, which was personal knowledge of identity to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Deborah Burke
Notary Public

My commission expires _____



Inventor's Signature: S. N. V. S. Rajasekhhar
Naga Venkata Sai Rajasekhhar Suragani

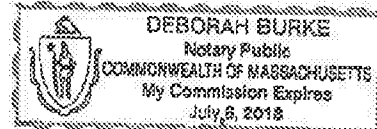
State of Massachusetts
County of Middlesex

On this 29th day of June, 2013, before me, the undersigned notary public, personally appeared Naga Venkata Sai Rajasekhhar Suragani, proved to me through satisfactory evidence of identification, which was personal knowledge of identity to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Deborah Burke
Notary Public

My commission expires _____



Inventor's Signature: John Knopf
John Knopf

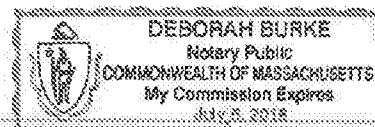
State of Massachusetts
County of Middlesex

On this 19th day of June, 2013, before me, the undersigned notary public, personally appeared John Knopf proved to me through satisfactory evidence of identification, which was personal knowledge of identity to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL)

Deborah Burke
Notary Public

My commission expires _____



ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of Acceleron Pharma, Inc.

By: Deborah Burke

Date: 6/25/2013

Name: Deborah Burke

Title: Senior Manager, Contracts
and Intellectual Property