



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 4, 2023

PTAS

WHITE & CASE LLP
75 STATE STREET
BOSTON, MA 02109

508154059

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/03/2023

REEL/FRAME: 065106/0959
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1848179-0002-169-001

ASSIGNOR:

ACCELERON PHARMA INC.

DOC DATE: 10/02/2023

ASSIGNEE:

MERCK SHARP & DOHME LLC
126 EAST LINCOLN AVENUE
RAHWAY, NEW JERSEY 07065

APPLICATION NUMBER: 63451198

FILING DATE: 03/09/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8201240

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ACCELERON PHARMA INC.	10/02/2023
RECEIVING PARTY DATA	
Name:	MERCK SHARP & DOHME LLC
Street Address:	126 EAST LINCOLN AVENUE
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	63451198
CORRESPONDENCE DATA	
Fax Number:	(617)979-9301
<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>	
Phone:	6179799300
Email:	ginny.blundell@whitecase.com
Correspondent Name:	WHITE & CASE LLP
Address Line 1:	75 STATE STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	1848179-0002-169-001
NAME OF SUBMITTER:	GINNY BLUNDELL
SIGNATURE:	/Ginny Blundell/
DATE SIGNED:	10/03/2023
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS, **Acceleron Pharma Inc.**, a corporation legally established and existing according to the laws of the United States, and having a principal place of business at 128 Sidney Street, Cambridge, Massachusetts 02139, (hereinafter **ASSIGNOR**), is the owner of an undivided joint right in, to and under any and all inventions set forth and described in an application for patent having the attorney docket number indicated above and the following Title of the Invention:

FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

and/or in the following application(s):

U.S. Provisional Application No. 63/451,198 filed on March 9, 2023;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

WHEREAS, **Merck Sharp & Dohme LLC**, a Limited Liability Company organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining any right, title and interest ASSIGNOR may have in, to and under any and all inventions disclosed in said application or applications;

AND WHEREAS, Assignor covenants that the rights and property herein conveyed are free and clear of any encumbrance, and that Assignor has the full right to convey the same as herein expressed.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign and transfer or confirm the grant and assignment to Assignee its entire right, title, interest, property and benefit in and to the inventions and the associated patent application(s), including any and all rights relating thereto that may arise at law, all rights of action resulting from prior infringement or other unauthorized use thereof, any and all applications corresponding the inventions worldwide, whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all letters patent and like industrial property registrations that may issue, be granted or result from said corresponding applications for the inventions worldwide (hereinafter referred to as the patents), and any and all rights of priority exercisable in any jurisdiction resulting from the filing of the patent application(s) associated with inventions, the said corresponding applications and any previously filed applications in respect of the inventions under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by Assignor had this assignment not been made;

AND ASSIGNOR, on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby covenant and agree to perform all lawful acts and duties and to execute and deliver without further consideration such further lawful assignments, instruments, assurances, applications and other documents as may reasonably be required by said Assignee, or by its successors, assigns, nominees, or other legal representatives, to file patent application(s) associated with inventions, obtain said patents and vest or secure the same in Assignee, and in Assignee's successors, assigns, nominees or other legal representatives.

AND ASSIGNOR does hereby authorize any official whose duty it is to grant patents or industrial property registrations, to grant said patents to the Assignee, and to Assignee's successors, assigns, nominees or other legal representatives.

AND ASSIGNOR, on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby authorize said Assignee, its successors, assigns, nominees or other legal representatives, including its patent agents, to amend the present assignment document to insert or correct the filing date, serial number or other identifying information of the associated patent application(s) and/or patents as may be needed to record same.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

IN WITNESS WHEREOF, Assignor and Assignee have by their respective authorized signing officers executed this assignment on the day and year set forth below.

Accepted and Agreed to by ASSIGNOR**Acceleron Pharma Inc.**

Executed this 2nd day of October, 2023.

Signature: *Laura M. Ginkel*

Name: Laura M. Ginkel

Title: Senior Vice President & Assistant General Counsel

ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:
)

On this 2nd day of October, 2023, personally appeared before me **Laura M. Ginkel** to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Mark A. Lazarow
Notary Public

MARK. A. LAZAROW
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 13, 2026



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 30, 2023

PTAS

WHITE & CASE LLP
75 STATE STREET
BOSTON, MA 02109

508147536

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 09/28/2023

REEL/FRAME: 065066/0115
NUMBER OF PAGES: 12

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1848179-0002-169-001

ASSIGNOR:
SADINENI, VIKRAM

DOC DATE: 04/12/2023

ASSIGNOR:
BHIWANKAR, MEENA NIKHIL

DOC DATE: 04/21/2023

ASSIGNOR:
LIU, XIAOQING

DOC DATE: 07/28/2023

ASSIGNEE:
ACCELERON PHARMA INC.
128 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

APPLICATION NUMBER: 63451198

FILING DATE: 03/09/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8194716

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIKRAM SADINENI	04/12/2023
MEENA NIKHIL BHIWANKAR	04/21/2023
XIAOQING LIU	07/28/2023
RECEIVING PARTY DATA	
Name:	ACCELERON PHARMA INC.
Street Address:	128 SIDNEY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	63451198
CORRESPONDENCE DATA	
Fax Number:	(617)979-9301
<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>	
Phone:	6179799300
Email:	ginny.blundell@whitecase.com
Correspondent Name:	WHITE & CASE LLP
Address Line 1:	75 STATE STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	1848179-0002-169-001
NAME OF SUBMITTER:	GINNY BLUNDELL
SIGNATURE:	/Ginny Blundell/
DATE SIGNED:	09/28/2023
Total Attachments: 10	
source=Assignment (executed) - 169-001#page1.tif	
source=Assignment (executed) - 169-001#page2.tif	
source=Assignment (executed) - 169-001#page3.tif	
source=Assignment (executed) - 169-001#page4.tif	

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Vikram Sadineni, located at Littleton, MA,
(1) Meena Nikhil Bhiwankar, located at Lexington, MA,
(2) Xiaoqing Liu, located at Newton, MA,

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

and/or in the following application(s):

U.S. Provisional Application No. 63/451,198 filed on March 9, 2023;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Acceleron Pharma Inc., 128 Sidney Street, Cambridge, Massachusetts 02139, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

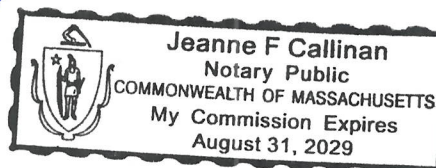
Executed this 12 day of April, 2023.
Vikram Sadineni**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts

County Name, ss. Suffolk

On this 12th day of April, 2023, before me, the undersigned notary public, personally appeared **Vikram Sadineni** proved to me through satisfactory evidence of identification, which was Merck ID, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.


Notary Public:
My Commission Expires: _____



Executed this _____ day of _____, 2023.

Meena Nikhil Bhiwankar**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Meena Nikhil Bhiwankar** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this ____ day of _____, 2023.

Xiaoqing Liu

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Xiaoqing Liu** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:

My Commission Expires: _____

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- | | |
|------------------------------------|----------------------------------|
| (1) <u>Vikram Sadineni,</u> | located at <u>Littleton, MA,</u> |
| (1) <u>Meena Nikhil Bhiwankar,</u> | located at <u>Lexington, MA,</u> |
| (2) <u>Xiaoqing Liu,</u> | located at <u>Newton, MA,</u> |

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

and/or in the following application(s):

U.S. Provisional Application No. 63/451,198 filed on **March 9, 2023**;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Acceleron Pharma Inc., 128 Sidney Street, Cambridge, Massachusetts 02139, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this ____ day of _____, 2023.

Vikram Sadineni**ACKNOWLEDGEMENT**

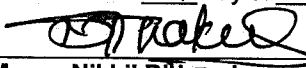
Commonwealth of Massachusetts

County Name, ss. _____

On this ____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Vikram Sadineni** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:

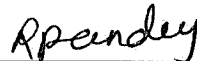
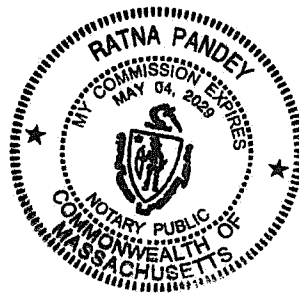
My Commission Expires: _____

Executed this 21 day of April, 2023.
Meena Nikhil Bhiwankar**ACKNOWLEDGEMENT**

Commonwealth of Massachusetts

County Name, ss. Middlesex

On this 21 day of April, 2023, before me, the undersigned notary public, personally appeared **Meena Nikhil Bhiwankar** proved to me through satisfactory evidence of identification, which was Driver License Ca., to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.


Notary Public: Ratna Pandey
My Commission Expires: May 04 2029

Executed this ____ day of _____, 2023.

Xiaoqing Liu

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Xiaoqing Liu** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:

My Commission Expires: _____

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Vikram Sadineni, located at Littleton, MA,
(1) Meena Nikhil Bhiwankar, located at Lexington, MA,
(2) Xiaoqing Liu, located at Newton, MA,

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

FORMULATIONS COMPRISING ACTRIIA POLYPEPTIDE VARIANTS

and/or in the following application(s):

U.S. Provisional Application No. 63/451,198 filed on March 9, 2023;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. _____ having a filing date of _____.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Acceleron Pharma Inc., 128 Sidney Street, Cambridge, Massachusetts 02139, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this ____ day of _____, 2023.

Vikram Sadineni

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Vikram Sadineni** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this ____ day of _____, 2023.

Meena Nikhil Bhiwankar

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 2023, before me, the undersigned notary public, personally appeared **Meena Nikhil Bhiwankar** proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this 28 day of July, 2023.

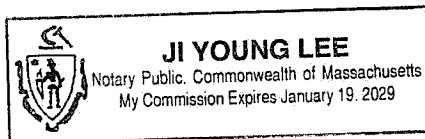
Xiaoqing Liu

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. Middlesex

On this 28th day of July, 2023, before me, the undersigned notary public, personally appeared Xiaoqing Liu proved to me through satisfactory evidence of identification, which was Mass Driver's License to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Ji Young Lee
Notary Public: Ji Young Lee
My Commission Expires: 01/19/2029

Accepted and agreed to by ASSIGNEE Acceleron Pharma Inc.

Signature: Cynthia A. Francisco

Name: Cynthia A. Francisco

Title: Executive Director, Asset Management

Date: 8/9/2023, 2023

ACKNOWLEDGEMENT

STATE OF NEW JERSEY)
) s.s.:
County of UNION)

On this 9th day of August, 2023, personally appeared before me Cynthia A. Francisco to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Mark A. Lazarow
Notary Public

MARK. A. LAZAROW
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 13, 2026

