

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- | | | |
|----------------------------|------------|-------------------------|
| (1) <u>Ravindra Kumar,</u> | located at | <u>Concord, MA,</u> |
| (2) <u>Gang Li,</u> | located at | <u>Sudbury, MA, and</u> |
| (3) <u>Patrick Andre,</u> | located at | <u>Short Hills, NJ</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:

ACTRII PROTEINS AND USES THEREOF

and/or in the following application(s):

U.S. Provisional Application No. 63/209,871 filed on 06/11/2021;

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 8 day of July, 2022

Ravindra Kumar
Ravindra Kumar

ACKNOWLEDGEMENT

July 8 of 2022)
County of Middlesex) s.s.:

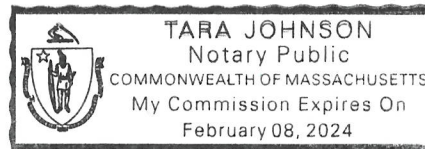
On this 8 day of July, 2022, personally appeared before me **Ravindra Kumar**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Tara Johnson
Notary Public

Executed this ____ day of _____, 2022

Gang Li

**ACKNOWLEDGEMENT**

____ of _____)
County of _____) s.s.:

On this ____ day of _____, 2022, personally appeared before me **Gang Li**, to me known, and known by me to be the same person 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)

Notary Public

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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.

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Executed this _____ day of _____, 2022

Ravindra Kumar

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:
_____)

On this _____ day of _____, 2022, personally appeared before me **Ravindra Kumar**, 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)

Notary Public

Executed this 25th day of June, 2022

Gang Li
Gang Li

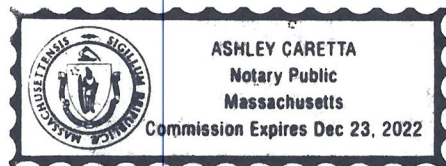
ACKNOWLEDGEMENT

State of Massachusetts)
County of Middlesex) s.s.:
_____)

On this 25th day of June, 2022, personally appeared before me **Gang Li**, to me known, and known by me to be the same person 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)

Ashley Caretta
Notary Public



Executed this ____ day of _____, 2022

Patrick Andre

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 2022, personally appeared before me **Patrick Andre**, to me known, and known by me to be the same person 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)

Notary Public

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Executed this ____ day of _____, 2022

Ravindra Kumar

ACKNOWLEDGEMENT

____ of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 2022, personally appeared before me **Ravindra Kumar**, 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)

Notary Public

Executed this ____ day of _____, 2022

Gang Li

ACKNOWLEDGEMENT

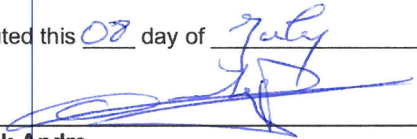
____ of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 2022, personally appeared before me **Gang Li**, to me known, and known by me to be the same person 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)

Notary Public

Executed this 08 day of July, 2022



Patrick Andre

ACKNOWLEDGEMENT

_____ of _____)
County of Essex) s.s.:

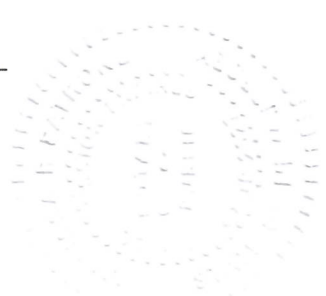
On this 8th day of July, 2022, personally appeared before me **Patrick Andre**, to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)





Notary Public



Accepted and agreed to by ASSIGNEE Acceleron Pharma, Inc.

Signature: Cynthia A. Francisco

Name: Cynthia A. Francisco

Title: Executive Director, Asset Management

Date: August 9, 2022

ACKNOWLEDGEMENT

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

On this 9th day of August, 2022, 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