

ASSIGNMENT

Application No. 63/016,365	Date Filed: April 28, 2020	Attorney Docket No. 40007/20020P2
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TREATMENT OF HEREDITARY ANGIOEDEMA WITH LIVER-SPECIFIC GENE THERAPY VECTORS

For good and valuable consideration (including \$10.00), the receipt and sufficiency of which are hereby acknowledged, I (we) do hereby irrevocably assign to BIOMARIN PHARMACEUTICAL INC., a corporation of Delaware, having a principal place of business at 105 Digital Drive, Novato, California, 94949, its successors and assigns (hereafter referred to as "Assignee"), effective as of the filing date of the above-identified application(s), the entire right, title and interest in and to (1) the inventions and improvements of the undersigned disclosed in the application(s) listed above, and in any and all other applications throughout the world on said invention or improvements, including any continuations, continuations-in-part, divisions, renewals, revivals, reissues, reexaminations, extensions, registrations, and supplementary protection certificates thereof, (2) any and all patents of any country which may be obtained on any of said applications, including the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, (3) the right of priority, including the right to claim priority benefit of or to said applications in any country, and (4) the right to file said applications and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

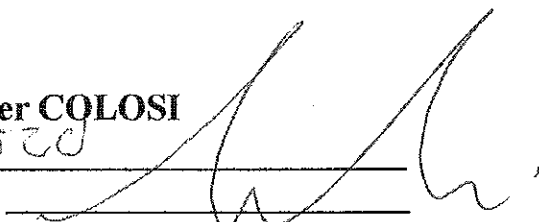
I (We) warrant myself (ourselves) to be the owners of the entire right, title and interest herein assigned and have the right to make this unconditional and irrevocable assignment to Assignee, its successors, and assigns without obtaining any approval or permission of a third party; and further warrant that there are no outstanding encumbrances, liens, prior assignments, licenses or other obligations or restrictions on the rights, title and interests herein assigned, other than to Assignee.

For said consideration I (we) hereby agree, upon the request and at the expense of the Assignee, its successors, or assigns, to execute any and all applications, continuations, divisionals, and renewal applications for said invention or improvements, including without limitations for the revival, reissue, reexamination, extension, registration, or supplementary

protection certificate thereof, and to cooperate to the best of my (our) ability and perform any and all affirmative acts deemed necessary or desirable by Assignee, its successors or assigns to obtain said patents, enjoy the benefit thereof, perfect title in the rights hereby assigned, or enforce, defend, protect, license or assign said rights, including but not limited to (1) executing and delivering any and all documents deemed necessary or desirable by Assignee, its successors or assigns (including any oath, declaration or affidavit, grants of powers of attorney or further documents to evidence this assignment), (2) communicating any known information or documents relating to the subject matter of the invention(s), improvements or related technologies, (3) and testifying in any legal proceedings, mediations, arbitrations or other proceedings related to said applications. This assignment is binding upon each of the undersigned's heirs, executors, administrators, successors and assigns.

Inventor Name: Peter COLOSI

Date: 10/25/2020

Inventor Signature: 

Witness Name: Deborah Colosi

Date: 10/25/2020

Witness Signature: Deborah Colosi

Witness Name: Carmen Colosi

Date: 10/25/2020

Witness Signature: Carmen Colosi

ASSIGNEE ACCEPTANCE:

On behalf of the BIOMARIN PHARMACEUTICAL INC., the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by the Assignment.

Authorized Signature: _____

Date: _____

Printed Name: _____

Title: _____

Application No. 63/016,365

Date Filed: April 28, 2020

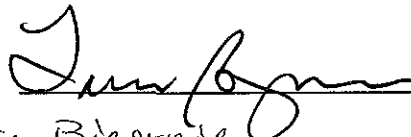
Attorney Docket No. 40007/20020P2

TREATMENT OF HEREDITARY ANGIOEDEMA WITH LIVER-SPECIFIC GENE THERAPY VECTORS

ASSIGNEE ACCEPTANCE:

On behalf of the BIOMARIN PHARMACEUTICAL INC., the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by the Assignment.

Authorized Signature:



Date: Nov. 5, 2020

Printed Name: Luisa Bigornia

Title: GVP, Intellectual Property

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

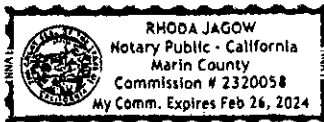
State of California

County of Marin

On November 5, 2020 before me, Rhoda Jagow, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Luisa Bigornia
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal and/or Stamp Above

Signature Rhoda Jagow
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer -- Title(s): _____

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

Signer's Name: _____

☐ Corporate Officer -- Title(s): _____

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

TREATMENT OF HEREDITARY ANGIOEDEMA WITH LIVER-SPECIFIC GENE THERAPY VECTORS

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I (We) warrant myself (ourselves) to be the owners of the entire right, title and interest herein assigned and have the right to make this unconditional and irrevocable assignment to Assignee, its successors, and assigns without obtaining any approval or permission of a third party; and further warrant that there are no outstanding encumbrances, liens, prior assignments, licenses or other obligations or restrictions on the rights, title and interests herein assigned, other than to Assignee.

For said considerations I (we) hereby agree, upon the request and at the expense of the Assignee, its successors, or assigns, to execute any and all applications, continuations, continuations-in-part, divisionals, and renewal applications for said invention or improvements, including without limitations for the revival, reissue, reexamination, extension, registration, or supplementary protection certificate thereof, and to cooperate to the best of my (our) ability and perform any and all affirmative acts deemed necessary or desirable by Assignee, its successors or assigns to obtain said patents, enjoy the benefit thereof, perfect title in the rights hereby assigned, or enforce, defend, protect, license or assign said rights, including but not limited to (1) executing and delivering any and all documents deemed necessary or desirable by Assignee, its successors or assigns (including any oath, declaration or affidavit, grants of powers of attorney or further documents to evidence this assignment), (2) communicating any known information or documents relating to the subject matter of the invention(s), improvements or related technologies, (3) and testifying in any legal proceedings, mediations, arbitrations or other proceedings related to said applications.

Application No. 62/935,359

Filed: November 14, 2019

Atty Docket No. 40007/20020P1

TREATMENT OF HEREDITARY ANGIOEDEMA WITH LIVER-SPECIFIC GENE THERAPY VECTORS

ASSIGNOR:

Inventor Name: Peter Colosi

Date:

2/4/21

Signature:

[Handwritten signature]

CALIFORNIA NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Marin

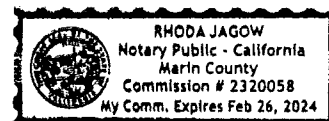
On February 4, 2021 before me, Rhoda Jagow, Notary Public
(insert name and title of the officer)

personally appeared Peter Colosi, who
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed
to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their
authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the
entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Rhoda Jagow (Seal)



CONFIRMATORY ASSIGNMENT
(Sole Inventor)

Application No. 62/935,359

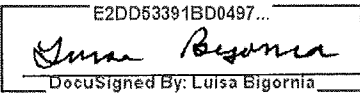
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ASSIGNEE ACCEPTANCE:

On behalf of the Assignee, BIOMARIN PHARMACEUTICAL INC., the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by the Assignment.

Authorized Signature: 
DocuSigned By: Luisa Bigornia

Date: 05-Feb-2021

Printed Name and Title:

Luisa Bigornia

GVP, Intellectual Property

ASSIGNMENT

Application No. 63/016,365	Date Filed: April 28, 2020	Attorney Docket No. 40007/20020P2
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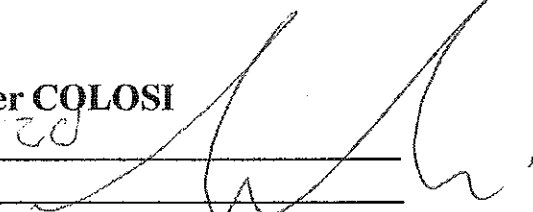
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Inventor Name: Peter COLOSI

Date: 10/25/2020

Inventor Signature: 

Witness Name: Deborah Colosi

Date: 10/25/2020

Witness Signature: Deborah Colosi

Witness Name: Carmen Colosi

Date: 10/25/2020

Witness Signature: Carmen Colosi

ASSIGNEE ACCEPTANCE:

On behalf of the BIOMARIN PHARMACEUTICAL INC., the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by the Assignment.

Authorized Signature: _____

Date: _____

Printed Name: _____

Title: _____

Application No. 63/016,365

Date Filed: April 28, 2020

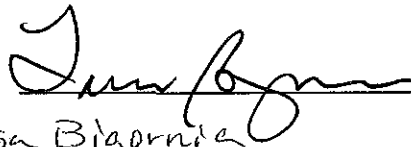
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Authorized Signature:



Date: Nov. 5, 2020

Printed Name: Luisa Bigornia

Title: GVP, Intellectual Property

CALIFORNIA ACKNOWLEDGMENT

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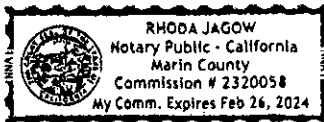
State of California

County of Marin

On November 5, 2020 before me, Rhoda Jagow, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Luisa Bigornia
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal and/or Stamp Above

Signature Rhoda Jagow
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer -- Title(s): _____

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

Signer's Name: _____

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☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____