

ASSIGNMENT

WHEREAS We, Vertex Pharmaceuticals (San Diego) LLC, a company organized and existing under the laws of Delaware whose post office address is 3215 Merryfield Row, San Diego, California 92121, USA (hereinafter referred to as Assignor), of an invention entitled:

MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/587,955	United States	October 4, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/587,955:

Application Number	Country of Filing	Filing Date
PCT/US2024/049813	PCT	October 3, 2024
	United States	
P20240102707	Argentina	October 4, 2024
13159	Lebanon	October 17, 2024
113137925	Tawain	October 4, 2024
40920	Uruguay	October 4, 2024
2024-000199	Venezuela	October 4, 2024

* We authorize and request that the filing date and application number of the above-referenced application be inserted into this document when known.

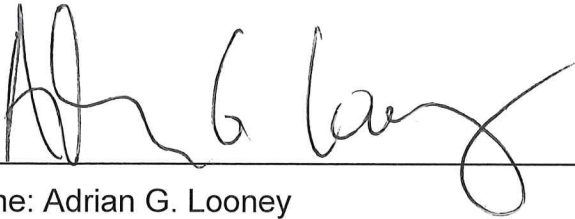
WHEREAS, Vertex Pharmaceuticals Incorporated, a corporation of Massachusetts whose post office address is 50 Northern Avenue, Boston, Massachusetts 02210, USA (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands.



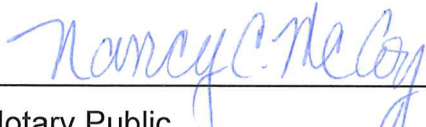
Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer
On behalf of Vertex Pharmaceuticals (San Diego) LLC

September 26, 2024

Date

Commonwealth of Massachusetts
County of Suffolk

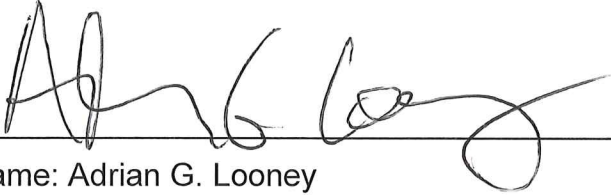
On this 26th day of September, 2024, before me, the undersigned notary public, personally appeared Adrian G. Looney (name of document signer), proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his knowledge and belief.



Notary Public
My Commission Expires 2/1/2030



ACKNOWLEDGEMENT OF ASSIGNEE



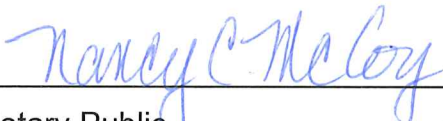
Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer
On behalf of Vertex Pharmaceuticals Incorporated

September 26, 2024

Date

Commonwealth of Massachusetts
County of Suffolk

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Notary Public
My Commission Expires 2/1/2030



ASSIGNMENT

WHEREAS We, Vertex Pharmaceuticals (San Diego) LLC, a company organized and existing under the laws of Delaware whose post office address is 3215 Merryfield Row, San Diego, California 92121, USA (hereinafter referred to as Assignor), of an invention entitled:

SOLID FORMS OF MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/587,829	United States	October 4, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/587,829:

Application Number	Country of Filing	Filing Date
	PCT	
	Taiwan	

* We authorize and request that the filing date and application number of the above-referenced application be inserted into this document when known.

WHEREAS, Vertex Pharmaceuticals Incorporated, a corporation of Massachusetts whose post office address is 50 Northern Avenue, Boston, Massachusetts 02210, USA (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

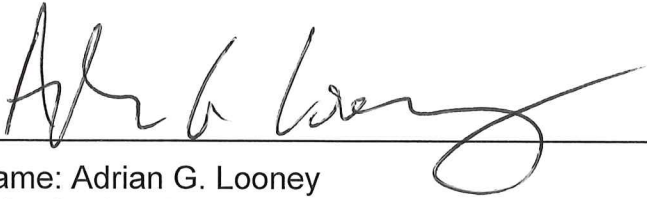
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the any official of any country whose duty it is to issue patents on

applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands.



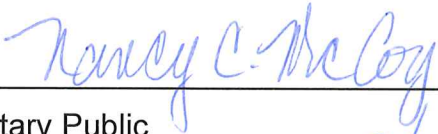
Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer
On behalf of Vertex Pharmaceuticals (San Diego) LLC

September 26, 2024

Date

Commonwealth of Massachusetts
County of Suffolk

On this 26th day of September, 2024, before me, the undersigned notary public, personally appeared Adrian G. Looney (name of document signer), proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his knowledge and belief.



Notary Public
My Commission Expires 2/1/2030



ACKNOWLEDGEMENT OF ASSIGNEE

Adrian G. Looney

Name: Adrian G. Looney

Title: Senior Vice President, Chief Intellectual Property Officer

On behalf of Vertex Pharmaceuticals Incorporated

September 26, 2024

Date

Commonwealth of Massachusetts
County of Suffolk

On this 26th day of September, 2024, before me, the undersigned notary public, personally appeared Adrian G. Looney (name of document signer), proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his knowledge and belief.

Nancy C. McCoy

Notary Public

My Commission Expires 2/1/2030



ASSIGNMENT

WHEREAS WE, the below-named inventors (hereinafter referred to as Assignors), of an invention entitled:

MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR

as disclosed and claimed in:

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40920	Uruguay	October 4, 2024
2024-000199	Venezuela	October 4, 2024

* WE authorize and request a patent practitioner of record in the above-referenced application to insert the filing date and application number of the application when known.

by virtue of our agreements with Vertex Pharmaceuticals Incorporated, a corporation of Massachusetts whose post office address is 50 Northern Avenue, Boston, Massachusetts 02210, USA (hereinafter referred to as Assignee), confirm assignment and hereby assign to Assignee the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, WE, as Assignors, confirm that all rights in the inventions and applications listed above have already transferred to Assignee by virtue of our agreements. For the avoidance of doubt, Assignors hereby confirm having sold, assigned, transferred, and set over, and

do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, the above-referenced applications that disclose and/or claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE covenant that WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands:



Alexander Russell ABELA

Date: 9-24-2024

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 San Diego

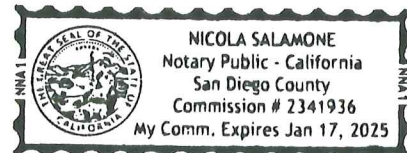
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Alexander Russell Abela, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Christopher D. Cook
Christopher Dean COOK

Date: 9/23/2024

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 San Diego

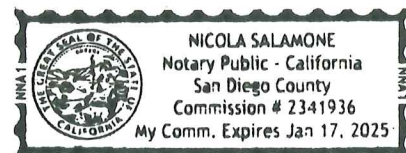
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Christopher Dean Cook, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)



Andrew Nguyen

Andrew Nguyen DINH

Date: 09/23/24

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State of California

County of San Diego)

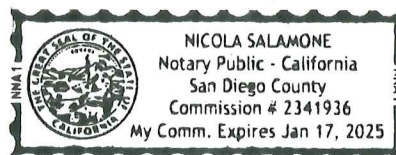
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Andrew Nguyen Dinh, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 *Nicola Salamone* (Seal)





Fabrice PIERRE

Date: 23 Sep 2024

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 San Diego)

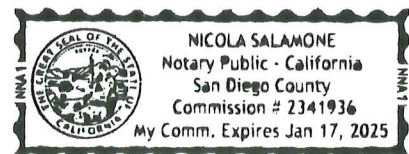
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Fabrice Pierre, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Haripada KHATUYA

Haripada KHATUYA

Date: Sept 23, 2024

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State of California
County of San Diego

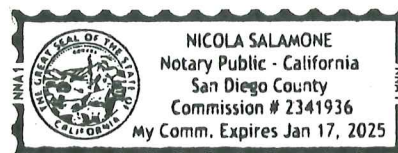
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Haripada KHATUYA, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)




Brian LEON MOSTAJO

Date: 9/24/24

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State of California
County of San Diego

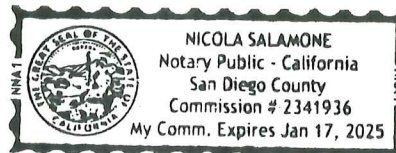
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Brian Leon Mostajo, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Somayeh Motevalli
Somayeh MOTEVALLI

Date: 09/20/2024

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 Alameda

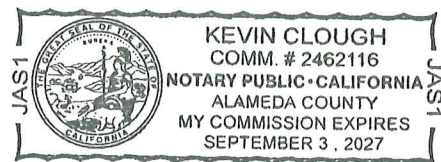
On 09/20/2024 before me, Kevin Clough, Notary Public
(insert name and title of the officer)

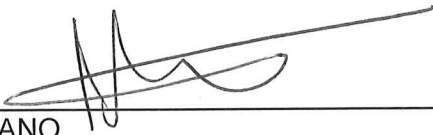
personally appeared Somayeh Motevalli, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 KCH (Seal)





Adela NANO

Date: 09/24/2024

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State of California
County of San Diego

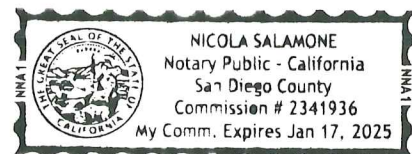
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Adela NANO, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Ursu

Oleg URSU

Date: 9/24/2024

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State of California

County of San Diego

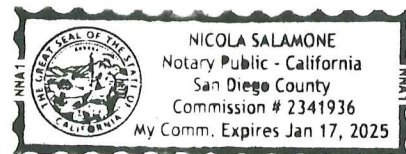
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Oleg URSU, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)



ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals Incorporated:

Adrian G. Looney

Name: Adrian G. Looney

Title: Senior Vice President, Chief Intellectual Property Officer

September 30, 2024

Date

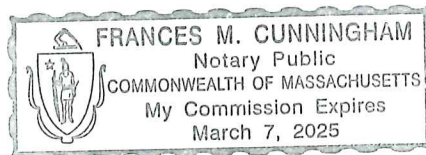
Commonwealth of Massachusetts
County of Suffolk

On this 30th day of September, 2024, before me, the undersigned notary public, personally appeared Adrian G. Looney (name of document signer), proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Frances M. Cunningham

Notary Public

My Commission Expires March 7, 2025



ASSIGNMENT

WHEREAS WE, are the below-named inventors (hereinafter referred to as Assignors), of an invention entitled:

MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/587,955	United States	October 4, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/587,955:

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* WE authorize and request a patent practitioner of record in the above-referenced application to insert the filing date and application number of the application when known.

by virtue of our agreements with Vertex Pharmaceuticals (San Diego) LLC, a company of Delaware whose post office address is 3215 Merryfield Row, San Diego, California 92121, USA (hereinafter referred to as Assignee), confirm assignment and hereby assign to assignee the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, confirm that all rights in the inventions and applications listed above have already transferred to Assignee by virtue of our agreements. For the avoidance of doubt, Assignors hereby confirm having sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,

our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and/or claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and We hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE covenant that we have not executed and will not execute any agreement in conflict with this Assignment;

AND, We further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection of this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands:


Jeremy CLEMENS

Date: 9/23/2024

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

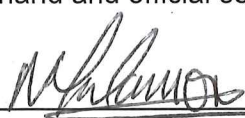
County of San Diego)

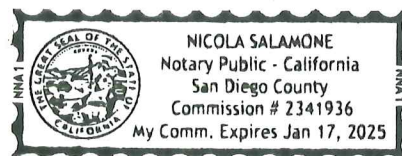
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Jeremy Clemens, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Sue Hadida

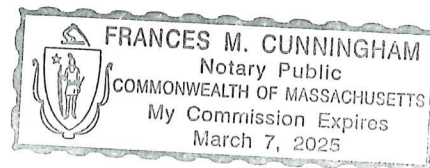
Sara Sabina HADIDA RUAH

Date: 9/19/2024

Commonwealth of Massachusetts
County of Suffolk

On this 19th day of September, 2024, before me, the undersigned notary public, personally appeared Sara Sabina Hadida Ruah, proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Frances M. Cunningham
Notary Public
My Commission Expires March 7, 2025



Thomas Cleveland
Thomas CLEVELAND

Date: 9/23/24

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 San Diego)

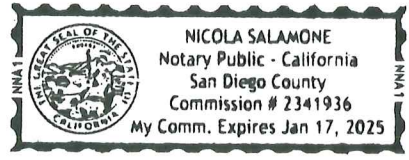
On September 23, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Thomas Cleveland, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)



Timothy Richard COON
Timothy Richard COON

Date: 9/23/24

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State of California
County of San Diego

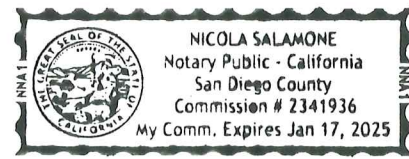
On September 23, 2024 before me, Nicola Salamone Notary Public
(insert name and title of the officer)

personally appeared Timothy Richard COON, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)



Mark Thomas Miller

Mark Thomas MILLER

Date: Sept. 24, 2024

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 San Diego)

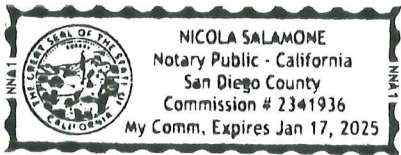
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Mark Thomas Miller, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



Jo

Johnny UY

Date: Sept. 24, 2024

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State of California

County of San Diego

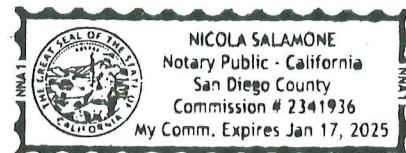
On September 24, 2024 before me, Nicola Salamone Notary Public
(insert name and title of the officer)

personally appeared Johnny Uy, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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 Nicola Salamone (Seal)





Jinglan ZHOU

Date: 09/24/2024

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 San Diego

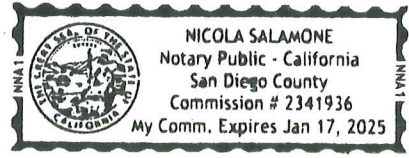
On September 24, 2024 before me, Nicola Salamone, Notary Public
(insert name and title of the officer)

personally appeared Jinglan Zhou, who proved to me on the basis of satisfactory evidence to be the person(s) whose name is 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  (Seal)



ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals (San Diego) LLC:

Adrian G. Looney

Name: Adrian G. Looney

Title: Vice President, Chief Intellectual Property Officer

Senior

Sept 30, 2024

Date

Commonwealth of Massachusetts
County of Suffolk

On this 30th day of September, 2024, before me, the undersigned notary public, personally appeared Adrian G. Looney (name of document signer), proved to me through satisfactory evidence of identification, which was/were ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Frances M. Cunningham

Notary Public

My Commission Expires March 7, 2025

