

ASSIGNMENT

WHEREAS WE, Vertex Pharmaceuticals (Europe) Limited, a corporation of the United Kingdom whose post office address is 2 Kingdom Street, London, United Kingdom W2 6BD (hereinafter referred to as Assignor), have acquired an interest in an invention entitled:

COMPOUNDS FOR THE TREATMENT OF KIDNEY DISEASE

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/594,357	US	October 30, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/594,357:

Application Number	Country of Filing	Filing Date*
PCT/US2024/053437	PCT	October 29, 2024
20240102954	Argentina	October 30, 2024
13166	Lebanon	November 6, 2024
746/2024	Pakistan	October 29, 2024
113141571	Taiwan	October 30, 2024
40.951	Uruguay	October 30, 2024
2024-000221	Venezuela	October 30, 2024

* WE authorize and request a patent practitioner of record in the above-referenced applications to insert the filing date and application number of each application 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;

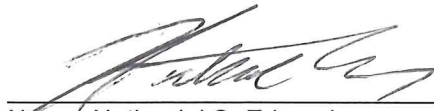
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, its entire 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, continuations, extensions, renewals, reexaminations, and reissues of any application or patent claiming this invention, and all patents which may be granted thereon, and all rights to claim priority in any country on the basis of any such applications; and it hereby authorizes and requests 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, Assignor covenants that it has the full right to convey the interest assigned by this Assignment, and it has not executed and will not execute any agreement in conflict with this Assignment;

AND, Assignor further covenants and agrees that it will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to it 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.

On behalf of Vertex Pharmaceuticals (Europe) Limited:



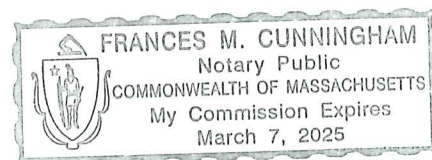
Name: Nathaniel S. Edwards
Title: Executive Director, Intellectual Property Officer

10/29/24
Date

Commonwealth of Massachusetts
County of Suffolk

On this 29th day of October, 2024, before me, the undersigned notary public, personally appeared Nathaniel S. Edwards (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 March 7, 2025



ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals Incorporated:

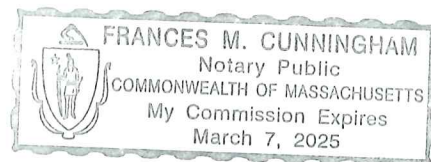

Name: Nathaniel S. Edwards
Title: Executive Director, Intellectual Property Officer

10/29/24
Date

Commonwealth of Massachusetts
County of Suffolk

On this 29th day of October 29, 2024, before me, the undersigned notary public, personally appeared Nathaniel S. Edwards (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 March 7 2025



ASSIGNMENT

WHEREAS I, the below-named inventor (hereinafter referred to as Assignor), of an invention entitled:

COMPOUNDS FOR THE TREATMENT OF KIDNEY DISEASE

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/594,357	US	October 30, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/594,357:

Application Number	Country of Filing	Filing Date*
PCT/US2024/053437	PCT	October 29, 2024
20240102954	Argentina	October 30, 2024
13166	Lebanon	November 6, 2024
746/2024	Pakistan	October 29, 2024
113141571	Taiwan	October 30, 2024
40.951	Uruguay	October 30, 2024
2024-000221	Venezuela	October 30, 2024

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

by virtue of my agreement with Vertex Pharmaceuticals (Europe) Limited whose post office address is 2 Kingdom Street, London, United Kingdom W2 6BD (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, I, as Assignor, confirm that all rights in the inventions and applications listed above have already transferred to Assignee by virtue of my agreement. For the avoidance of doubt, Assignor 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 I 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, I covenant that I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I further covenant and agree that I 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, I have hereunto set my hand:

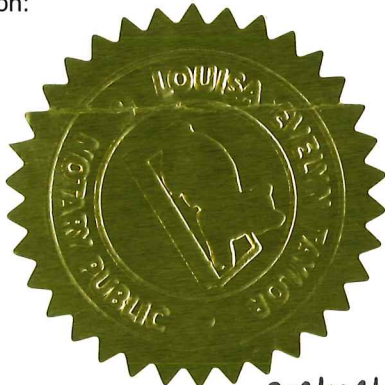


Damien Jacques Michel FRAYSSE

Date: 28 october 2024

Signed by Damien Jacques Michel FRAYSSE before me, Louisa Evelyn Taylor, Notary Public,
at Abingdon, England, on 28 October 2024.

Notarial Certification:



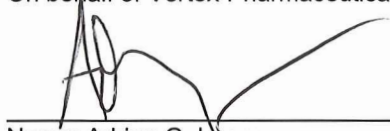
353/2024



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals (Europe) Limited:



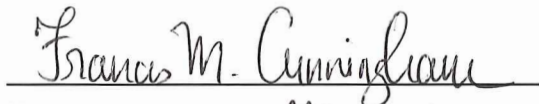
Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer

Dec 3, 2024
Date

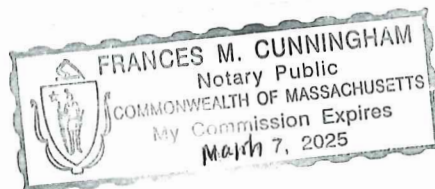
Commonwealth of Massachusetts

County of Suffolk

On this 3rd day of December, 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 March 7, 2025



ASSIGNMENT

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

COMPOUNDS FOR THE TREATMENT OF KIDNEY DISEASE

as disclosed and claimed in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/594,357:

Application Number	Country of Filing	Filing Date
PCT/US2024/053437	PCT	October 29, 2024
20240102954	Argentina	October 30, 2024
13166	Lebanon	November 6, 2024
746/2024	Pakistan	October 29, 2024
113141571	Taiwan	October 30, 2024
40.951	Uruguay	October 30, 2024
2024-000221	Venezuela	October 30, 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, 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



Jeffery Allen GLADDING

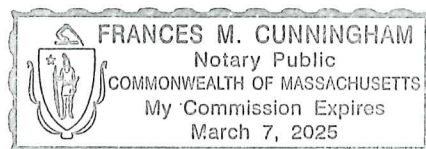
Date: 10/15/2024

Commonwealth of Massachusetts
County of Suffolk

On this 15th day of October, 2024, before me, the undersigned notary public, personally appeared Jeffery Allen Gladding (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 March 7, 2025



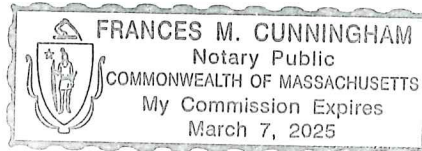
Brad D. Maxwell
Brad D. MAXWELL

Date: 15 Oct 2024

Commonwealth of Massachusetts
County of Suffolk

On this 15th day of October, 2024, before me, the undersigned notary public, personally appeared Brad D. Maxwell (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.

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



ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals Incorporated:

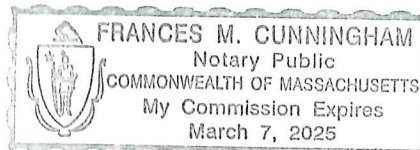
Adrian G. Looney
Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer

October 16, 2024
Date

Commonwealth of Massachusetts
County of Suffolk

On this 16 day of October, 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.

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



ASSIGNMENT

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

COMPOUNDS FOR THE TREATMENT OF KIDNEY DISEASE

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/594,357	US	October 30, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application No. 63/594,357:

Application Number	Country of Filing	Filing Date*
PCT/US2024/053437	PCT	October 29, 2024
	United States	
20240102954	Argentina	October 30, 2024
13166	Lebanon	November 6, 2024
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40.951	Uruguay	October 30, 2024
2024-000221	Venezuela	October 30, 2024

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

by virtue of our agreements with Vertex Pharmaceuticals (Europe) Limited whose post office address is 2 Kingdom Street, London, United Kingdom W2 6BD (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 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:

JRA
James Robert AUSTIN
Date: 8th October 2024

Signed by James Robert AUSTIN before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 OCTOBER 2024.

Notarial Certification:

LE Taylor



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death



Dean BOYALL

Date: 8th October 2024

Signed by Dean BOYALL before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 October 2024.

Notarial Certification:



334/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

Ewa Chudyk
Ewa Iwona CHUDYK

Date: 8th October 2024

Signed by Ewa Iwona CHUDYK before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 OCTOBER 2024.

Notarial Certification:

L.E. Taylor



338 / 2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

Dawid DENEKA
Dawid DENEKA

Date: 8 October 2024

Signed by Dawid DENEKA before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 8 October 2024.

Notarial Certification:

L. Evelyn Taylor



343/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death



James DODD

Date: 27/11/24

Signed by James DODD before me, Louisa Evelyn Taylor, Notary Public,
at Abingdon, England, on 27 November 2024.

Notarial Certification:



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death



398/2024



Simon Robert EVERITT

Date: 2nd October 2024

Signed by Simon Robert EVERITT before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 2 October 2024.

Notarial Certification:



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

31/0/2024

B.R.F.A.
Belinda Rafaella FAUST

Date: 8th Oct. 2024

Signed by Belinda Rafaella FAUST before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 October 2024.

Notarial Certification:

L.E.T.



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

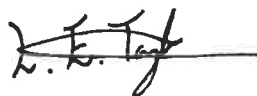


Hamish Bruce HEPBURN
Date: 2/10/24

Signed by Hamish Bruce HEPBURN before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 2 October 2024.

Notarial Certification:





LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

Shazia KEILY 

Date: 8th October 2024

Signed by Shazia KEILY before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 8 October 2024.

Notarial Certification:





34/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

Ronald Marcellus KNEGTEL
Ronald Marcellus KNEGTEL

Date: October 8th 2024

Signed by Ronald Marcellus KNEGTEL before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 8 October 2024.

Notarial Certification:

L. E. Taylor



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death


James Jun Bon MUI

Date: OCTOBER 08 2024.

Signed by James Jun Bon MUI before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England on 8 October 2024.

Notarial Certification:





33/12024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

Chady

Chady NASRALLAH

Date: 08 October 2024

Signed by Chady NASRALLAH before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 8 October 2024.

Notarial Certification:

L.E. Taylor



34/1/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death


Joanne Louise PINDER
Date: OCTOBER 8th 2024

Signed by Joanne Louise PINDER before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 OCTOBER 2024.

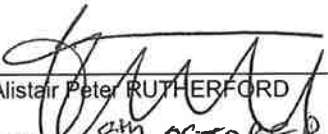
Notarial Certification:





318/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death


Alistair Peter RUTHERFORD
Date: 8th OCTOBER 2024

Signed by Alistair Peter RUTHERFORD before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 October 2024.

Notarial Certification:





336/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

A. Salman
Alan Alessandro SALMAN

Date: 8th Oct 2024

Signed by Alan Alessandro SALMAN before me, LOUISA EVELYN TAYLOR, Notary Public,

at Abingdon, England, on 8 OCTOBER 2024.

Notarial Certification:

L.E. Taylor



LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

333/2024

M Wright
Miranda WRIGHT
Date: 8/OCT/2024

Signed by Miranda WRIGHT before me, LOUISA EVELYN TAYLOR, Notary Public,
at Abingdon, England, on 8 October 2024.

Notarial Certification:

L.E. Taylor



337/2024

LOUISA EVELYN TAYLOR
Notary Public
44 Foliat Drive, Wantage
OX12 7AL, England
Tel: 07865 531871
Email: louisa@taylornotarypublic.co.uk
My Commission Expires at Death

ACKNOWLEDGEMENT OF ASSIGNEE

On behalf of Vertex Pharmaceuticals (Europe) Limited:


Name: Adrian G. Looney
Title: Senior Vice President, Chief Intellectual Property Officer

Dec 3, 2024
Date

Commonwealth of Massachusetts

County of Suffolk

On this 3rd day of December, 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 March 7, 2025

