

ASSIGNMENT

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

MODULATORS OF ALPHA-1 ANTITRYPSIN

as disclosed and claimed in:

Application Number	Country of Filing	Filing Date
63/405,080	United States	September 9, 2022
63/489,543	United States	March 10, 2023

and in the applications identified in the table below claiming priority to U.S. Provisional Application Nos. 63/405,080 and 63/489,543:

Application Number	Country of Filing	Filing Date
18/463,796	United States	September 8, 2023
PCT/US2023/032282	PCT	September 8, 2023
P20230102391	Argentina	September 8, 2023
12891	Lebanon	September 7, 2023
599/2023	Pakistan	September 7, 2023
112134315	Taiwan	September 8, 2023
40419	Uruguay	September 8, 2023
2023-000199	Venezuela	September 8, 2023

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 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:

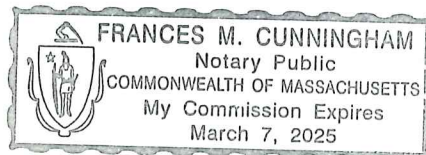
Brad D. Maxwell
Brad D. Maxwell

Date: 9 July, 2024

Commonwealth of Massachusetts
County of Suffolk

On this 9th day of July, 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



Jeffery Allen Gladding

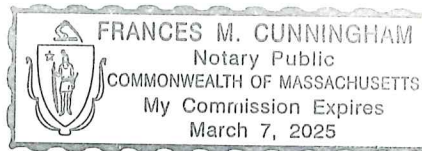
Jeffery Allen Gladding

Date: 7/9/24

Commonwealth of Massachusetts
County of Suffolk

On this 9th day of July, 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.

Frances M. Cunningham
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

7/11/24

Date

Commonwealth of Massachusetts
County of Suffolk

On this 11th day of July, 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

