

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, I, **Lucrezia De Pascalis** (Citizenship: **Italy**), residing in **Cambridge, Massachusetts**, and having a mailing address at **c/o Agios Pharmaceuticals, Inc., 88 Sidney Street, Cambridge, Massachusetts 02139, United States of America** (hereinafter the "Undersigned"), do hereby irrevocably and unconditionally:

CONVEY, ASSIGN AND TRANSFER to **Agios Pharmaceuticals, Inc.**, a Delaware corporation having a place of business at **88 Sidney Street, Cambridge, Massachusetts 02139, United States of America**, its successors, assigns and legal representatives (collectively hereinafter the "Assignee"), the Undersigned's entire right, title and interest throughout the world in the inventions and improvements which are subject of the International Application for Patent filed with the United States Patent and Trademark Office as Receiving Office of the World Intellectual Property Organization in accordance with the Patent Cooperation Treaty (PCT) on

August 29, 2024
under International Application Serial No. PCT/US2024/044308
and

entitled **COMPOUNDS AND METHODS USEFUL FOR STABILIZING PHENYLALANINE
HYDROXYLASE MUTATIONS,**

including:

the inventions disclosed in the above-identified application(s);

such application(s), and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including without limitation U.S. Provisional Application No. 63/535,435, filed August 30, 2023 and entitled **COMPOUNDS AND METHODS USEFUL FOR STABILIZING PHENYLALANINE HYDROXYLASE MUTATIONS**) and in all foreign countries and jurisdictions based in whole or in part on any of the said inventions and improvements (including any application for a utility model, design registration(s), and inventor's certificate(s));

the right to claim priority to the above-identified application(s) in relation to subject matter based in whole or in part on the above-identified application(s) and any of the foregoing under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes;

the right to file in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificate(s) for said inventions and improvements in the United States and all foreign countries under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and

the right to all causes of action, remedies, and other enforcement rights related to the above-identified application(s), including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified application(s) and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement.

The Undersigned authorizes and requests the U.S. and foreign patent issuing authority to issue any and all United States and foreign patents (including any application for a utility model, design registrations, and inventor's certificate(s)) on the said inventions and improvements to the Assignee.

The Undersigned covenants, that when requested and at the reasonable expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the inventions and improvements which are subject of the said application(s), as the Assignee may reasonably request to effectuate fully this Assignment; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the inventions and improvements which are subject of the said application(s); (3) communicate to the Assignee all facts known to the Undersigned relating to the inventions and improvements which are subject of the said application(s), and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the inventions and improvements which are subject of the said application(s); and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to the said inventions and improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for the said inventions and improvements;

The Undersigned covenants, that should the execution date, filing date and/or Application Number be not entered or be incorrect at the time the Undersigned executed this document, the Undersigned hereby authorizes and requests an attorney of Assignee to insert the information or make the correction.

IN TESTIMONY WHEREOF, I, **Lucrezia De Pascalis**, have executed this document on the date indicated below.

Lucrezia De Pascalis
Signature of Inventor

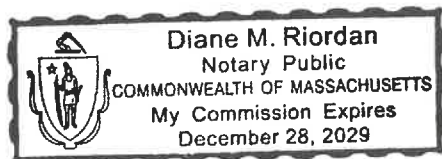
08/06/2024
Date

CAMBRIDGE, MA
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF MIDDLESEX:

On this 6th day of August, 2024, before me, the undersigned notary public, personally appeared Lucrezia De Pascalis, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires 12/28/2029

ACCEPTED AND AGREED TO BY ASSIGNEE: **Agios Pharmaceuticals, Inc.:**

Signature: Krista Bianco Date: 8/9/2024
Printed name: Krista Bianco
Title: Senior Director, Intellectual Property

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, I, **Peng Liu** (Citizenship: **United States of America**), residing in **Belmont, Massachusetts**, and having a mailing address at **c/o Agios Pharmaceuticals, Inc., 88 Sidney Street, Cambridge, Massachusetts 02139, United States of America** (hereinafter the "Undersigned"), do hereby irrevocably and unconditionally:

CONVEY, ASSIGN AND TRANSFER to **Agios Pharmaceuticals, Inc.**, a Delaware corporation having a place of business at **88 Sidney Street, Cambridge, Massachusetts 02139, United States of America**, its successors, assigns and legal representatives (collectively hereinafter the "Assignee"), the Undersigned's entire right, title and interest throughout the world in the inventions and improvements which are subject of the International Application for Patent filed with the United States Patent and Trademark Office as Receiving Office of the World Intellectual Property Organization in accordance with the Patent Cooperation Treaty (PCT) on

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the right to claim priority to the above-identified application(s) in relation to subject matter based in whole or in part on the above-identified application(s) and any of the foregoing under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes;

the right to file in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificate(s) for said inventions and improvements in the United States and all foreign countries under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and

the right to all causes of action, remedies, and other enforcement rights related to the above-identified application(s), including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified

application(s) and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement.

The Undersigned authorizes and requests the U.S. and foreign patent issuing authority to issue any and all United States and foreign patents (including any application for a utility model, design registrations, and inventor's certificate(s)) on the said inventions and improvements to the Assignee.

The Undersigned covenants, that when requested and at the reasonable expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the inventions and improvements which are subject of the said application(s), as the Assignee may reasonably request to effectuate fully this Assignment; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the inventions and improvements which are subject of the said application(s); (3) communicate to the Assignee all facts known to the Undersigned relating to the inventions and improvements which are subject of the said application(s), and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the inventions and improvements which are subject of the said application(s); and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to the said inventions and improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for the said inventions and improvements;

The Undersigned covenants, that should the execution date, filing date and/or Application Number be not entered or be incorrect at the time the Undersigned executed this document, the Undersigned hereby authorizes and requests an attorney of Assignee to insert the information or make the correction.

IN TESTIMONY WHEREOF, I, **Peng Liu**, have executed this document on the date indicated below.

Signature of Inventor

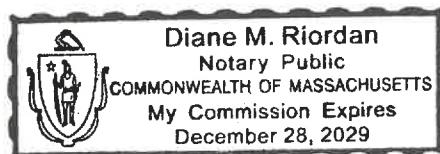
Date

Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF MIDDLESEX:

On this 6th day of August, 2024, before me, the undersigned notary public, personally appeared Peng Liu, proved to me through satisfactory evidence of identification, which were MA driver's license, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires

12/28/2029

ACCEPTED AND AGREED TO BY ASSIGNEE: **Agios Pharmaceuticals, Inc.:**

Signature: Krista Bianco Date: 8/9/2024
Printed name: Krista Bianco
Title: Senior Director, Intellectual Property

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, I, **Brian C. Shook** (Citizenship: **United States of America**), residing at **199 Mohawk Path, Holliston, Massachusetts 01746, United States of America** (hereinafter the "Undersigned"), do hereby irrevocably and unconditionally:

CONVEY, ASSIGN AND TRANSFER to **Agios Pharmaceuticals, Inc.**, a Delaware corporation having a place of business at **88 Sidney Street, Cambridge, Massachusetts 02139, United States of America**, its successors, assigns and legal representatives (collectively hereinafter the "Assignee"), the Undersigned's entire right, title and interest throughout the world in the inventions and improvements which are subject of the International Application for Patent filed with the United States Patent and Trademark Office as Receiving Office of the World Intellectual Property Organization in accordance with the Patent Cooperation Treaty (PCT) on

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the right to claim priority to the above-identified application(s) in relation to subject matter based in whole or in part on the above-identified application(s) and any of the foregoing under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes;

the right to file in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificate(s) for said inventions and improvements in the United States and all foreign countries under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and

the right to all causes of action, remedies, and other enforcement rights related to the above-identified application(s), including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified application(s) and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement.

The Undersigned authorizes and requests the U.S. and foreign patent issuing authority to issue any and all United States and foreign patents (including any application for a utility model, design registrations, and inventor's certificate(s)) on the said inventions and improvements to the Assignee.

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IN TESTIMONY WHEREOF, I, **Brian C. Shook**, have executed this document on the date indicated below.



Signature of Inventor

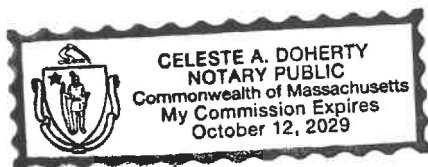
8/20/2024
Date

Holliston, MA
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF Middlesex:

On this 20 day of August, 2024, before me, the undersigned notary public, personally appeared Brian Shook, proved to me through satisfactory evidence of identification, which were Massachusetts license, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL




Notary Public
My Commission Expires 10/12/29

ACCEPTED AND AGREED TO BY ASSIGNEE: **Agios Pharmaceuticals, Inc.:**

Signature: Krista Bianco Date: 8/22/2024

Printed name: Krista Bianco

Title: Senior Director, Intellectual Property