

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Walter C. VOEGTLI	Killingworth	CT
Michael BARANELLO	Boston	MA
Keith BOUCHARD	Boston	MA

hereby assign to

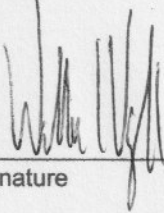
Full Name of Assignee	State of Incorporation	Business Address
Alexion Pharmaceuticals, Inc.	Delaware	121 Seaport Boulevard Boston, MA 02110

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
ALKALINE PHOSPHATASE POLYPEPTIDES AND METHODS OF USE THEREOF	December 9, 2020	17/117/099
ALKALINE PHOSPHATASE POLYPEPTIDES AND METHODS OF USE THEREOF	December 9, 2020	PCT/US2020/064140

This assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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 we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

ASSIGNORS

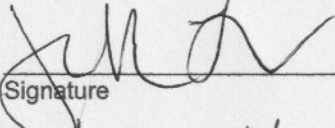


Signature

Walter C. VOEGTLI

10 March 2021
Date

Witness:



Signature
Jennifer Voegtli

Printed name

10 mar 2021
Date

Atty. Ref. 50694-082003
Alexion Ref. 0191 US

Michael Baranello

Signature

3/7/21

Date

Michael BARANELLO

Witness:

Jahel Perez

Signature

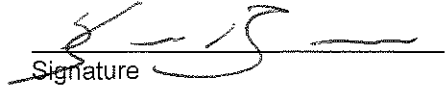
3/7/21

Date

Jahel Perez

Printed name

Atty. Ref. 50694-082003
Alexion Ref. 0191 US


Signature

Keith BOUCHARD

26 FEB 2021
Date

Witness:


Signature

26 FEB 2021
Date

Cathenne Taste
Printed name

ASSIGNEE

In acknowledgement of receipt of this assignment:

Todd Spalding 03/22/21
Signature Date

Representative Name: Todd Spalding

Representative Title: SVP and Head of Intellectual Property

Alexion Pharmaceuticals, Inc.

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignors	City	State (and Country if not USA)
Walter C. VOEGTLI	Boston	Massachusetts
Michael BARANELLO	Boston	Massachusetts
Keith BOUCHARD	Boston	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Alexion Pharmaceuticals, Inc.	Delaware	121 Seaport Blvd. Boston, MA 02210 United States of America

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent, identified as:

Title of Application	Filing Date	Serial Number
ALKALINE PHOSPHATASE POLYPEPTIDES AND METHODS OF USE THEREOF	December 9, 2019	62/945,431

This assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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 I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

ASSIGNORS

IN WITNESS WHEREOF, I hereto set my hand and seal at New Haven, CT,
this 13th day of December, 2019.



L.S.

Walter C. VOEGTLI

Witness:

Darlene Suarez
Signature

12/13/19
Date

Darlene Suarez
Printed name

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this ____ day of _____, 20____.

L.S.

Michael BARANELLO

Witness:

Signature

Date

Printed name

ASSIGNORS

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this ____ day of _____, 20__.

_____.L.S.

Walter C. VOEGTLI

Witness:

Signature

Date

Printed name

IN WITNESS WHEREOF, I hereto set my hand and seal at 2:41 PM,
this 13th day of January, 2020.



_____.L.S.

Michael BARANELLO

Witness:



Signature

11/3/2020

Date

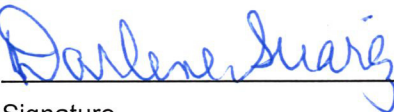
Laura Ali

Printed name

IN WITNESS WHEREOF, I hereto set my hand and seal at New Haven, CT,
this 13th day of December, 2019.

 L.S.
Keith BOUCHARD

Witness:


Signature

12/13/19
Date

Darlene Suarez
Printed name

ASSIGNEE

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston MA,
this 21 day of Jan., 2020.

Todd Spalding L.S.

Alexion Pharmaceuticals, Inc.

Name: Todd Spalding

Position: Senior Vice President, Head of Intellectual Property

Witness:

Miriam R. Moncayo

Signature

11/21/20

Date

Miriam R. Moncayo

Printed name