

ASSIGNMENT

For valuable consideration, the receipt of which I/we acknowledge, and intending to be bound legally, I/we, the undersigned sole/joint Inventor(s), each individually assign to **Genzyme Corporation**, a corporation formed under the laws of the Commonwealth of Massachusetts and having a principal place of business at 450 Water Street, Cambridge, Massachusetts 02141, USA, and its successors, transferees, and assignees (collectively the "Assignee"), all of my/our individual and joint rights, titles, and interests throughout the world in the inventions(s) (the "Subject Matter") disclosed or claimed in the patents and applications listed in Schedule A (the "Patents and Applications").

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Signed at Somerville, MA USA on this 28 day of July, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

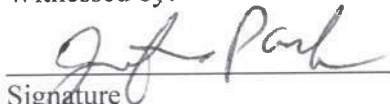
Mailing Address:


Austin Wayne BOESCH
Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Printed Name


Jennifer Park

Signature

Printed Name


SHAILI GUPTA

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christopher BORGES
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christophe LECHAUVE
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christian MUELLER
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment.

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

SCHEDULE A

<u>Title: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF</u>			
<u>Pat./Pub. No.</u>	<u>App. No.</u>	<u>Country</u>	<u>Filing Date</u>
	63/443,223	USA	Feb. 3, 2023
	63/463,252	USA	May 1, 2023
	63/467,282	USA	May 17, 2023
	P240100257	AR	Feb. 2, 2024
	PCT/US2024/014265	PCT	Feb. 2, 2024
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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____

Inventor's Name:

Austin Wayne BOESCH

Mailing Address:

Sanofi

c/o Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

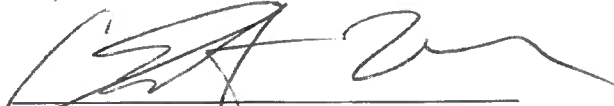
Printed Name

Signed at Cambridge, MA USA on this 15 day of March, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:



Christopher BORGES

Sanofi

c/o Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:



Signature

Seunghye Lee

Printed Name



Signature

Viktor Lemgart

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:

Jacob HOPE

c/o Sanofi

c/o Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

Printed Name

Signature

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christophe LECHAUVE
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christian MUELLER
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

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Signature

Signature

Printed Name

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment.

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Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

SCHEDULE A

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Austin Wayne BOESCH
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christopher BORGES
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at Cambridge, MA USA on this 2nd day of April, 2024.
(City, State and Nation)

Signature: Jacob Hope
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Ka Tat Siu
Signature

Ka Tat Siu
Printed Name

Marin Way
Signature

Marin Way
Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christophe LECHAUVE
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christian MUELLER
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment.

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____

Inventor's Name: Austin Wayne BOESCH

Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christopher BORGES
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

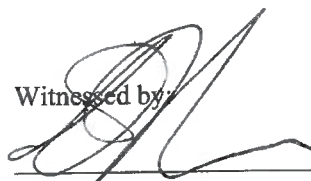
Printed Name

Signed at Cambridge MA USA on this 18 day of March, 2024.
(City, State and Nation)

Signature: 

Inventor's Name: Christophe LECHAUVE

Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by: 

Signature

Robert Jackson

Printed Name



Signature

June Back

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____

Inventor's Name: Christian MUELLER

Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature _____

Printed Name _____

Signature _____

Printed Name _____

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

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(City, State and Nation)

Signature: _____
Inventor's Name: Austin Wayne BOESCH
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

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Cambridge, MA 02141 USA

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Signature

Printed Name

Printed Name

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(City, State and Nation)

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Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

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Signature

Printed Name

Printed Name

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(City, State and Nation)

Signature: _____
Inventor's Name: Christophe LECHAUVE
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

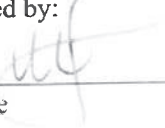
Printed Name

Printed Name

Signed at Naiman, MA USA on this 3 day of April, 2024.
(City, State and Nation)

Signature: 
Inventor's Name: Christian MUELLER
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:



Signature



Signature

Melanie Frischella

Printed Name

ELVIS HAVARI

Printed Name

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

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Cambridge, MA 02141 USA

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c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christian MUELLER
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

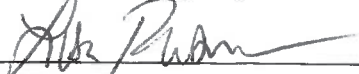
Signature

Printed Name

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment.

Signed at Cambridge MA US on this 3 day of September, 2024.
(City, State and Nation)

By: 

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

SCHEDULE A

<u>Title: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF</u>			
<u>Pat./Pub. No.</u>	<u>App. No.</u>	<u>Country</u>	<u>Filing Date</u>
	63/443,223	USA	Feb. 3, 2023
	63/463,252	USA	May 1, 2023
	63/467,282	USA	May 17, 2023
	P240100257	AR	Feb. 2, 2024
	PCT/US2024/014265	PCT	Feb. 2, 2024
	113104286	TW	Feb. 2, 2024

ASSIGNMENT

For valuable consideration, the receipt of which I/we acknowledge, and intending to be bound legally, I/we, the undersigned sole/joint Inventor(s), each individually assign to **Tidal Therapeutics, Inc.**, a corporation formed under the laws of the State of Delaware and having a principal place of business at 700 Main Street, Cambridge, MA 02139, and its successors, transferees, and assignees (collectively the "Assignee"), all of my/our individual and joint rights, titles, and interests throughout the world in the inventions(s) (the "Subject Matter") disclosed or claimed in the patents and applications listed in Schedule A (the "Patents and Applications").

This Assignment assigns, in addition to the Subject Matter, (a) the Patents and Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Patents, Applications, and Granted Rights") in every country or region, and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Patents, Applications, and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Patents, Applications, and Granted Rights, and any other rights assigned by this Assignment.

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I/We represent and warrant that I/we have the right and power to make this Assignment and that I/we have not made and will not make any other assignment that conflicts with this Assignment.

I/We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Signed at Lincoln, MA, USA on this 21 day of March, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:

Daryl Clark Drummond

Daryl Clark DRUMMOND

Sanofi

c/o Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

JACIE DRUMMOND
Printed Name

Signature

Caleb Drummond
Printed Name

The Assignee, TIDAL THERAPEUTICS, INC., hereby acknowledges and accepts the foregoing assignment.

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

SCHEDULE A

<u>Title: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF</u>			
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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Daryl Clark DRUMMOND
Mailing Address: Sanofi
c/o Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

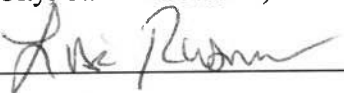
Signature

Printed Name

Printed Name

The Assignee, TIDAL THERAPEUTICS, INC., hereby acknowledges and accepts the foregoing assignment.

Signed at Cambridge, MA US on this 3 day of September, 2024.
(City, State and Nation)

By: 

Print Name: Lisa Rasmussen

Title: Attorney-in-fact, Lead for Patent Operations U.S.

SCHEDULE A

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	113104286	TW	Feb. 2, 2024



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 2, 2024

PTAS

SARAH E. BLOCH
MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

508369809

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 02/01/2024

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NUMBER OF PAGES: 18

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 18395-30350.00

ASSIGNOR:

BORGES, CHRISTOPHER

DOC DATE: 01/20/2024

ASSIGNOR:

BOESCH, AUSTIN WAYNE

DOC DATE: 01/23/2024

ASSIGNOR:

HOPE, JACOB

DOC DATE: 01/19/2024

ASSIGNEE:

GENZYME CORPORATION
450 WATER STREET
CAMBRIDGE, MASSACHUSETTS 02141

APPLICATION NUMBER: 63443223

FILING DATE: 02/03/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES
THEREOF

APPLICATION NUMBER: 63463252	FILING DATE: 05/01/2023
PATENT NUMBER:	ISSUE DATE:
TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF	

APPLICATION NUMBER: 63467282	FILING DATE: 05/17/2023
PATENT NUMBER:	ISSUE DATE:
TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF	

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



United States Patent and Trademark Office

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The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>CHRISTOPHER BORGES</td><td>01/20/2024</td></tr><tr><td>AUSTIN WAYNE BOESCH</td><td>01/23/2024</td></tr><tr><td>JACOB HOPE</td><td>01/19/2024</td></tr></tbody></table>		Name	Execution Date	CHRISTOPHER BORGES	01/20/2024	AUSTIN WAYNE BOESCH	01/23/2024	JACOB HOPE	01/19/2024		
Name	Execution Date										
CHRISTOPHER BORGES	01/20/2024										
AUSTIN WAYNE BOESCH	01/23/2024										
JACOB HOPE	01/19/2024										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Company Name:</td><td>GENZYME CORPORATION</td></tr><tr><td>Street Address:</td><td>450 WATER STREET</td></tr><tr><td>City:</td><td>CAMBRIDGE</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02141</td></tr></table>		Company Name:	GENZYME CORPORATION	Street Address:	450 WATER STREET	City:	CAMBRIDGE	State/Country:	MASSACHUSETTS	Postal Code:	02141
Company Name:	GENZYME CORPORATION										
Street Address:	450 WATER STREET										
City:	CAMBRIDGE										
State/Country:	MASSACHUSETTS										
Postal Code:	02141										
PROPERTY NUMBERS Total: 3											
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Property Type	Number										
Application Number:	63443223										
Application Number:	63463252										
Application Number:	63467282										
CORRESPONDENCE DATA											

Fax Number: (650)494-0792
Phone: 1 (415) 268-6423
Email: ACaparas@mofo.com
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.
Correspondent Name: SARAH E. BLOCH
Address Line 1: MORRISON & FOERSTER LLP
Address Line 2: 425 MARKET STREET
Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

**ATTORNEY DOCKET
NUMBER:**

18395-30350.00

NAME OF SUBMITTER:

SARAH E. BLOCH

Signature:

/Sarah E. Bloch/

Date:

02/01/2024

Total Attachments: 16

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RECEIPT INFORMATION

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Receipt Date: 02/01/2024

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ASSIGNMENT

For valuable consideration, the receipt of which I/we acknowledge, and intending to be bound legally, I/We, the undersigned sole/joint Inventor(s), each individually assign to **Genzyme Corporation**, a corporation formed under the laws of Massachusetts and having a principal place of business at 450 Water Street, Cambridge, Massachusetts 02141, USA, and its successors, transferees, and assignees (collectively the “Assignee”), all of my/our individual and joint rights, titles, and interests throughout the world in the invention(s) (the “Subject Matter”) disclosed or claimed in a patent application that names me/us as inventor(s), is titled “**HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF**”, and was filed in the following Patent Office(s):

USPTO on February 3, 2023, as US Provisional Application No. 63/443,223

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(the “Application(s)”).

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____

Inventor's Name:

Christopher BORGES

Mailing Address:

c/o Sanofi U.S.

Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at Somerville, MA USA on this 23 day of January, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:

Austin Wayne BOESCH

c/o Sanofi U.S.

Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Chad Toland
Signature

CHAD TOLAND
Printed Name

Jennifer Pate
Signature

Jennifer Pate
Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:

Jacob HOPE

c/o Sanofi U.S.

Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

Printed Name

Signature

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Name of Signatory: _____

Title of Signatory: _____

ASSIGNMENT

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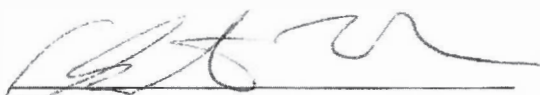
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Signed at Reading, MA USA on this 20 day of January, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

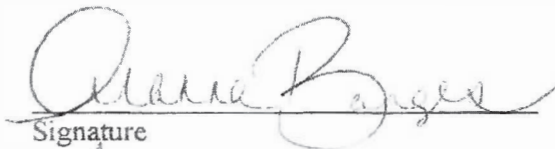
Mailing Address:


Christopher BORGES
c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:


Signature

Joelle R. Marviti
Printed Name


Signature

Alanna Borges
Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Austin Wayne BOESCH
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
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Signature

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Printed Name

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Signature: _____
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

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Printed Name

Printed Name

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(City, State and Nation)

By: _____

Name of Signatory: _____

Title of Signatory: _____

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Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christopher BORGES
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Austin Wayne BOESCH
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at Cambridge, MA USA on this 19 day of January, 2024.
(City, State and Nation)

Signature: 
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:


Signature

Markrefe Krikorian
Printed Name


Signature

Ka Tat Sim
Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

By: _____

Name of Signatory: _____

Title of Signatory: _____

ASSIGNMENT

For valuable consideration, the receipt of which I/we acknowledge, and intending to be bound legally, I/We, the undersigned sole/joint Inventor(s), each individually assign to **Genzyme Corporation**, a corporation formed under the laws of Massachusetts and having a principal place of business at 450 Water Street, Cambridge, Massachusetts 02141, USA, and its successors, transferees, and assignees (collectively the “Assignee”), all of my/our individual and joint rights, titles, and interests throughout the world in the invention(s) (the “Subject Matter”) disclosed or claimed in a patent application that names me/us as inventor(s), is titled “**HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF**”, and was filed in the following Patent Office(s):

USPTO on February 3, 2023, as US Provisional Application No. 63/443,223

USPTO on May 1, 2023, as US Provisional Application No. 63/463,252

USPTO on May 17, 2023, as US Provisional Application No. 63/467,282

(the “Application(s)”).

This Assignment assigns, in addition to the Subject Matter, (a) the Application(s) and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Patents, Applications, and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Patents, Applications, and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

I/We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my/our name(s) or in the Assignee's name.

I/We represent and warrant that I/we have the right and power to make this Assignment and that I/we have not made and will not make any other assignment that conflicts with this Assignment.

I/We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Christopher BORGES
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Austin Wayne BOESCH
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

Signed at _____ on this _____ day of _____, 2024.
(City, State and Nation)

Signature: _____
Inventor's Name: Jacob HOPE
Mailing Address: c/o Sanofi U.S.
Patent Department
450 Water Street
Cambridge, MA 02141 USA

Witnessed by:

Signature

Signature

Printed Name

Printed Name

The Assignee, Genzyme Corporation, hereby acknowledges and accepts the foregoing assignment

Signed at Cambridge, MA US on this 30 day of January, 2024.
(City, State and Nation)

By: 

Name of Signatory: Lisa Rasmussen

Title of Signatory: Attorney-in-Fact
Lead for Patent Operations U.S.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 2, 2024

PTAS

SARAH E. BLOCH
MORRISON & FOERSTER LLP
425 MARKET STREET
SAN FRANCISCO, CA 94105

508369817

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RECORDATION DATE: 02/01/2024

REEL/FRAME: 066328/0901
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 18395-30350.00

ASSIGNOR:

DRUMMOND, DARYL CLARK

DOC DATE: 01/29/2024

ASSIGNEE:

TIDAL THERAPEUTICS, INC.
700 MAIN STREET
CAMBRIDGE, MASSACHUSETTS 02139

APPLICATION NUMBER: 63443223

FILING DATE: 02/03/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES
THEREOF

APPLICATION NUMBER: 63463252

FILING DATE: 05/01/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES
THEREOF

APPLICATION NUMBER: 63467282

FILING DATE: 05/17/2023

PATENT NUMBER:

ISSUE DATE:

TITLE: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES
THEREOF

ASSIGNMENT RECORDATION BRANCH
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United States Patent and Trademark Office

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>DARYL CLARK DRUMMOND</td><td>01/29/2024</td></tr></tbody></table>	Name	Execution Date	DARYL CLARK DRUMMOND	01/29/2024							
Name	Execution Date										
DARYL CLARK DRUMMOND	01/29/2024										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Company Name:</td><td>TIDAL THERAPEUTICS, INC.</td></tr><tr><td>Street Address:</td><td>700 MAIN STREET</td></tr><tr><td>City:</td><td>CAMBRIDGE</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02139</td></tr></table>	Company Name:	TIDAL THERAPEUTICS, INC.	Street Address:	700 MAIN STREET	City:	CAMBRIDGE	State/Country:	MASSACHUSETTS	Postal Code:	02139	
Company Name:	TIDAL THERAPEUTICS, INC.										
Street Address:	700 MAIN STREET										
City:	CAMBRIDGE										
State/Country:	MASSACHUSETTS										
Postal Code:	02139										
PROPERTY NUMBERS Total: 3											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>63443223</td></tr><tr><td>Application Number:</td><td>63463252</td></tr><tr><td>Application Number:</td><td>63467282</td></tr></tbody></table>	Property Type	Number	Application Number:	63443223	Application Number:	63463252	Application Number:	63467282			
Property Type	Number										
Application Number:	63443223										
Application Number:	63463252										
Application Number:	63467282										
CORRESPONDENCE DATA											
Fax Number:	(650)494-0792										

Phone:	1 (415) 268-6423
Email:	ACaparas@mofo.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	SARAH E. BLOCH
Address Line 1:	MORRISON & FOERSTER LLP
Address Line 2:	425 MARKET STREET
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	18395-30350.00
NAME OF SUBMITTER:	SARAH E. BLOCH
Signature:	/Sarah E. Bloch/
Date:	02/01/2024

Total Attachments: 3 source=Assignment_Tidal#page1.tif source=Assignment_Tidal#page2.tif source=Assignment_Tidal#page3.tif
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ASSIGNMENT

For valuable consideration, the receipt of which I/we acknowledge, and intending to be bound legally, I/We, the undersigned sole/joint Inventor(s), each individually assign to **Tidal Therapeutics, Inc.**, a corporation formed under the laws of the State of Delaware and having a principal place of business at 700 Main Street, Cambridge, MA 02139, and its successors, transferees, and assignees (collectively the “Assignee”), all of my/our individual and joint rights, titles, and interests throughout the world in the invention(s) (the “Subject Matter”) disclosed or claimed in a patent application that names me/us as inventor(s), is titled “**HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF**”, and was filed in the following Patent Office(s):

USPTO on February 3, 2023, as US Provisional Application No. 63/443,223

USPTO on May 1, 2023, as US Provisional Application No. 63/463,252

USPTO on May 17, 2023, as US Provisional Application No. 63/467,282

(the “Application(s)”).

This Assignment assigns, in addition to the Subject Matter, (a) the Application(s) and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Patents, Applications, and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Patents, Applications, and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

I/We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my/our name(s) or in the Assignee's name.

I/We represent and warrant that I/we have the right and power to make this Assignment and that I/we have not made and will not make any other assignment that conflicts with this Assignment.

I/We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Signed at Lincoln, MA (USA) on this 29th day of January, 2024.
(City, State and Nation)

Signature:

Inventor's Name:

Mailing Address:



Daryl Clark DRUMMOND

c/o Sanofi U.S.

Patent Department

450 Water Street

Cambridge, MA 02141 USA

Witnessed by:

Signature

Printed Name



Jackie Drummond

Signature

Printed Name



Katie Drummond

The Assignee, Tidal Therapeutics, Inc., hereby acknowledges and accepts the foregoing assignment

Signed at Cambridge, MA, USA on this 31st day of January, 2024.
(City, State and Nation)

By: Allyson Hutton

Name of Signatory: Allyson Hutton

Title of Signatory: Attorney in fact on behalf of Tidal Therapeutics, Inc

ASSIGNMENT

For valuable consideration, the receipt of which is hereby acknowledged, and intending to be bound legally **Tidal Therapeutics, Inc.**, a corporation formed under the laws of Delaware and having a principal place of business at 700 Main Street, Cambridge, MA 02139 (the “Assignor”), assigns **Genzyme Corporation**, a corporation formed under the laws of Massachusetts and having a principal place of business at 450 Water Street, Cambridge, Massachusetts 02141, USA, and its successors, transferees, and assignees (collectively the “Assignee”), all of its rights, titles, and interests throughout the world in the invention(s) (the “Subject Matter”) disclosed or claimed in the patents and applications listed in Schedule A (the “Patents and Applications”).

This Assignment assigns, in addition to the Subject Matter, (a) the Patents and Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Patents, Applications, and Granted Rights”) in every country or region, and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Patents, Applications, and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Patents, Applications, and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous Assignment.

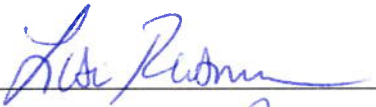
Assignor authorizes the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Patents, Applications, and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in the Assignor’s name or in the Assignee’s name.

Assignor represents and warrants that it has the right and power to make this Assignment and that it has not made and will not make any other assignment that conflicts with this Assignment.

Assignor will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Tidal Therapeutics, Inc. (the "Assignor")

Signed at Cambridge, MA US on this 3 day of September, 2024.
(City, State and Nation)

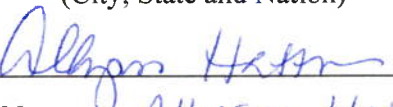
By: 

Print Name: Lisa Rasmussen

Title: Attorney-in-Fact
Lead for Patent Operations U.S.

Genzyme Corporation (the "Assignee") hereby acknowledges and accepts the foregoing assignment.

Signed at Cambridge MA USA on this 24th day of September, 2024.
(City, State and Nation)

By: 

Print Name: Allyson Hutton

Title: Attorney-in-Fact
Principal Counsel, Lead for Biologics IP, US

SCHEDULE A

<u>Title: HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF</u>			
<u>Pat./Pub. No.</u>	<u>App. No.</u>	<u>Country</u>	<u>Filing Date</u>
	63/443,223	USA	Feb. 3, 2023
	63/463,252	USA	May 1, 2023
	63/467,282	USA	May 17, 2023
	P240100257	AR	Feb. 2, 2024
	PCT/US2024/014265	PCT	Feb. 2, 2024
	113104286	TW	Feb. 2, 2024

TRADUCCIÓN - CESIÓN

A cambio de una contraprestación valiosa, cuyo recibo reconozco/reconocemos, y con la intención de quedar legalmente vinculado/s, yo/nosotros, los inventores únicos/conjuntos abajo firmantes, cedemos individualmente a Genzyme Corporation, una sociedad constituida conforme a las leyes del Estado de Massachusetts y con domicilio social en 450 Water Street, Cambridge, Massachusetts 02141, EE. UU., y a sus sucesores, cesionarios y adjudicatarios (en conjunto, el «Cesionario»), todos mis/nuestros derechos, títulos e intereses individuales y conjuntos en todo el mundo sobre las invenciones (el «Objeto») divulgadas o reivindicadas en las patentes y solicitudes enumeradas en el Anexo A (las «Patentes y Solicitudes»).

Esta cesión cede, además del objeto, (a) las patentes y solicitudes y todas las demás solicitudes que puedan presentarse, así como todas las patentes, modelos de utilidad, registros de diseños y otros derechos de exclusión y certificados de inventores para cualquiera de los Objetos (en conjunto, las «Patentes, Solicitudes y Derechos Concedidos») en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las Patentes, solicitudes y derechos concedidos en virtud del Convenio Internacional para la Protección de la Propiedad Industrial, el Tratado de Cooperación en materia de Patentes, el Convenio sobre la Patente Europea, el Arreglo de La Haya y todos los demás tratados o convenios aplicables, y (c) el derecho a reclamar, cobrar y retener, en nombre del cesionario o de otro modo, los daños y perjuicios y cualquier otra indemnización que se derive de cualquier infracción pasada, presente o futura del objeto, las patentes, solicitudes y derechos concedidos, y cualquier otro derecho cedido por la presente cesión.

En la medida en que cualquier parte de los derechos cedidos por la presente Cesión haya sido cedida previamente al Cesionario, la presente Cesión constituye una confirmación de la cesión anterior.

Yo/Nosotros autorizamos al Cesionario a solicitar y buscar protección para cualquiera o todos los Objetos, las Patentes, las Solicitudes y los Derechos Concedidos, y cualquier otro derecho cedido por la presente Cesión en todos los países, regiones y territorios del mundo, en mi/nuestro nombre o en el nombre del Cesionario.

Yo/Nosotros declaramos y garantizamos que tengo/tenemos el derecho y la facultad para realizar esta Cesión y que no he/hemos realizado ni realizaré/realizaremos ninguna otra cesión que entre en conflicto con la presente Cesión.

Yo/Nosotros comunicaremos al Cesionario (o, a petición del Cesionario, a otras partes) todos los hechos conocidos en cualquier forma relacionados con el Objeto, ejecutaremos y proporcionaremos todos los juramentos y declaraciones, testimonios, cesiones, poderes notariales, solicitudes y documentos, y realizaremos todos los demás actos legales necesarios o convenientes para garantizar plenamente al Cesionario los derechos, títulos e intereses cedidos por la presente Cesión.

Firmado en Somersville, MA, EE.UU., el 20 de julio de 2024

Firma: (firmado)

Nombre del inventor: Austin Wayne BOESCH

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Jennifer Park

(firmado)

SHAILI GUPTA

Firmado en Cambridge, MA, EE.UU., el 15 de marzo de 2024

Firma: (firmado)

Nombre del inventor: Christopher BORGES

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Seunghee Lee

(firmado)

Vikter Lemgart

Firmado en Cambridge, MA, EE.UU., el 2 de abril de 2024

Firma: (firmado)

Nombre del inventor: Jacob HOPE

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Ka Tat Siu

(firmado)

Marin Way

Firmado en Cambridge, MA, EE.UU., el 18 de marzo de 2024

Firma: (firmado)

Nombre del inventor: Christophe LECHAUVE

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Robert Jackson

(firmado)

June Baik

Firmado en Cambridge, MA, EE.UU., el 2 de abril de 2024

Firma: (firmado)

Nombre del inventor: Jacob HOPE

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Ka Tat Siu

(firmado)

Marin Way

Firmado en (ilegible), MA, EE.UU., el 3 de abril de 2024

Firma: (firmado)

Nombre del inventor: Christian MUELLER

Dirección Postal: c/o Sanofi, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Melanie Fisichella

(firmado)

Evis Havari

El Cesionario, Genzyme Corporation, por la presente reconoce y acepta la anterior cesión.

Firmado en Cambridge, MA, EE.UU., el 3 de septiembre de 2024

Por: (firmado)

Nombre: Lisa Rasmussen

Cargo: Abogada Apoderada, Jefe de Operaciones de Patentes en EE.UU.

ANEXO A

<u>Título: NANOPARTÍCULAS LIPIDAS CONJUGADAS CON ANTICUERPOS ESPECÍFICOS DE CMH Y</u> <u>USOS DE LAS MISMAS</u>			
<u>N.º de</u> <u>patente/publicación</u>	<u>N.º de solicitud</u>	<u>País</u>	<u>Fecha de presentación</u>
	63/443,223	EE. UU.	3 de febrero de 2023
	63/463,252	EE. UU.	1 de mayo de 2023
	63/467,282	EE. UU.	17 de mayo de 2023
	P240100257	AR	2 de febrero de 2024
	PCT/US2024/014265	PCT	2 de febrero de 2024

TRADUCCIÓN - CESIÓN

A cambio de una contraprestación valiosa, cuyo recibo yo/nosotros acusamos, y con la intención de quedar legalmente vinculados, yo/nosotros, los inventores únicos/conjuntos abajo firmantes, cedemos individualmente a **Tidal Therapeutics, Inc.**, una sociedad constituida con arreglo a las leyes del estado de Delaware y con domicilio social en 700 Main Street, Cambridge. MA 02139, y sus sucesores, cesionarios y asignatarios (en conjunto, el «Cesionario»), todos mis/nuestros derechos, títulos e intereses individuales y conjuntos en todo el mundo sobre las invenciones (el «Objeto») divulgadas o reivindicadas en las patentes y solicitudes enumeradas en el Anexo A (las «Patentes y Solicitudes»).

Esta cesión cede, además del objeto, (a) las patentes y solicitudes, así como todas las demás solicitudes que puedan presentarse, y todas las patentes, modelos de utilidad, registros de diseños y otros derechos de exclusión y certificados de inventores para cualquiera de los objetos (en conjunto, las «patentes, solicitudes y derechos concedidos») en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las patentes, solicitudes y derechos concedidos, y el beneficio de dicha fecha, en todos los países o regiones, y en virtud de Solicitudes y Derechos Concedidos*) en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las Patentes, Solicitudes y Derechos Concedidos en virtud del Convenio Internacional para la Protección de la Propiedad Industrial, el Tratado de Cooperación en materia de Patentes, el Convenio sobre la Patente Europea el Acuerdo de La Haya y todos los demás tratados o convenios aplicables, y (c) el derecho a perseguir, cobrar y retener, en nombre del cesionario o de otro modo, los daños y perjuicios y cualquier otra indemnización que se derive de cualquier infracción pasada, presente o futura del Objeto, las Patentes, las Solicitudes y los Derechos Concedidos, así como cualquier otro derecho cedido por la presente Cesión.

En la medida en que cualquier parte de los derechos cedidos por la presente Cesión haya sido cedida previamente al Cesionario, la presente Cesión constituye una confirmación de la cesión anterior.

Autorizo/autorizamos al Cesionario a solicitar y obtener protección para cualquiera o todos los objetos, las patentes, las solicitudes y los derechos concedidos, así como cualquier otro derecho cedido por la presente Cesión en todos los países, regiones y territorios del mundo, en mi/nuestro nombre o en el nombre del Cesionario.

Yo/Nosotros declaramos y garantizamos que tengo/tenemos el derecho y la facultad para realizar esta Cesión y que no he/hemos realizado ni realizaré/realizaremos ninguna otra cesión que entre en conflicto con la presente.

Comunicaré/comunicaremos al Cesionario (o, a petición del Cesionario, a otras partes) todos los hechos conocidos en cualquier forma relacionados con el Objeto, ejecutaremos y proporcionaremos todos los juramentos y declaraciones, testimonios, cesiones, poderes notariales, solicitudes y documentos, y realizaremos todos los demás actos legales necesarios o convenientes para garantizar plenamente al Cesionario los derechos, títulos e intereses cedidos por la presente Cesión.

Firmado en Lincoln, MA, EE.UU., el 21 de marzo de 2024

Firma: (firmado)

Nombre del inventor: Daryl Clark DRUMMOND

Dirección Postal: Sanofi, c/o Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Jackie Drummond

(firmado)

Caleb Drummond

El Cesionario, TIDAL THERAPEUTICS, INC., por la presente reconoce y acepta la anterior cesión.

Firmado en Cambridge, MA, EE.UU., el 3 de septiembre de 2024

Por: (firmado)

Nombre: Lisa Rasmussen

Cargo: Abogada Apoderada, Jefe de Operaciones de Patentes en EE.UU.

ANEXO A

<u>Título: NANOPARTÍCULAS LIPIDAS CONJUGADAS CON ANTICUERPOS ESPECÍFICOS</u> <u>DE CMH Y USOS DE LAS MISMAS</u>			
<u>N.º de</u> <u>patente/publica</u> <u>ción</u>	<u>N.º de solicitud</u>	<u>País</u>	<u>Fecha de</u> <u>presentación</u>
	63/443,223	EE. UU.	3 de febrero de 2023
	63/463,252	EE. UU.	1 de mayo de 2023
	63/467,282	EE. UU.	17 de mayo de 2023
	P240100257	AR	2 de febrero de 2024
	PCT/US2024/014265	PCT	2 de febrero de 2024
	113104286	TW	2 de febrero de 2024

TRADUCCIÓN - CESIÓN

A cambio de una contraprestación valiosa, que reconocemos haber recibido, y con la intención de quedar legalmente vinculados, los inventores abajo firmantes, cada uno de forma individual, cedemos a **Genzyme Corporation**, una sociedad constituida conforme a las leyes de Massachusetts y con domicilio social en 450 Water Street, Cambridge, Massachusetts 02141, 7SA, y sus sucesores, cesionarios y cesionarios (colectivamente, el «Cesionario»), todos mis derechos, títulos e intereses individuales y conjuntos en todo el mundo sobre la invención o invenciones (el «Objeto») divulgados o reivindicados en una solicitud de patente que me nombra como inventor(es), titulada « NANOPARTÍCULAS LIPIDAS CONJUGADAS CON ANTICUERPOS ESPECÍFICOS DE CMH Y USOS DE LAS MISMAS», y presentada en la Oficina de Patentes siguiente:

USPTO el 3 de febrero de 2023, como Solicitud Provisional US 63/443,223

USPTO el 1 de mayo de 2023, como Solicitud Provisional US 63/463,252

USPTO el 17 de mayo de 2023, como Solicitud Provisional US 63/467,282

(las «Solicitudes»).

Esta cesión cede, además del objeto, (a) la(s) solicitud(es) y todas las demás solicitudes que puedan presentarse, así como todas las patentes, modelos de utilidad, registros de diseños y otros derechos de exclusividad y certificados de inventor cualquiera de los Objetos (en conjunto, las «Solicitudes y Derechos Concedidos») en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las Patentes, Solicitudes y Derechos Concedidos en virtud del Convenio Internacional para la Protección de la Propiedad Industrial, el Tratado de Cooperación en materia de Patentes, el Convenio sobre la Patente Europea, el Acuerdo de la Haya y todos los demás tratados o convenios aplicables, y (c) el derecho a reclamar, cobrar y retener, en nombre del Cesionario o de otro modo, daños y perjuicios y cualquier otra indemnización que se derive de cualquier infracción pasada, presente o futura del Objeto, las Patentes, solicitudes y derechos concedidos, y cualquier otro derecho cedido por la presente cesión.

En la medida en que cualquier parte de los derechos cedidos por la presente Cesión haya sido cedida previamente al Cesionario, la presente Cesión constituye una «confirmación» de la cesión anterior.

Yo/Nosotros autorizo/autorizamos al Cesionario a solicitar y obtener protección para cualquiera o todos los Objetos, las Solicitudes y los Derechos Concedidos, así como cualquier otro derecho cedido por la presente Cesión en todos los países, regiones y territorios del mundo, en mi/nuestro nombre o en el nombre del Cesionario.

Yo/Nosotros declaramos y garantizamos que tengo/tenemos el derecho y la facultad para realizar esta Cesión y que no he/hemos realizado ni realizaré/realizaremos ninguna otra cesión que entre en conflicto con esta Cesión.

Yo/Nosotros comunicaremos al cesionario (o, a petición del cesionario, a otras partes) todos los hechos conocidos en cualquier forma relacionados con el asunto objeto de la presente, ejecutaré/ejecutaremos y proporcionaré/proporcionaremos todos los juramentos y declaraciones, testimonios, cesiones, poderes notariales, solicitudes y documentos, y realizaré/realizaremos todos los demás actos legales necesarios o convenientes para asegurar al cesionario los derechos, títulos e intereses cedidos por la presente cesión.

Firmado en Somersville, MA, EE.UU., el 23 de enero de 2024

Firma: (firmado)

Nombre del inventor: Austin Wayne BOESCH

Dirección Postal: c/o Sanofi US, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Chad Toland

(firmado)

(Ilegible)

Firmado en (Ilegible), MA, EE.UU., el 20 de enero de 2024

Firma: (firmado)

Nombre del inventor: Christopher BORGES

Dirección Postal: c/o Sanofi US, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Janelle R Maruili

(firmado)

Alanna Borges

Firmado en Cambridge MA, EE.UU., el 19 de enero de 2024

Firma: (firmado)

Nombre del inventor: Jacob HOPE

Dirección Postal: c/o Sanofi US, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

(Ilegible)

(firmado)

Ka Tat Sin

El Cesionario, Genzyme Corporation, por la presente reconoce y acepta la anterior cesión.

Firmado en Cambridge, MA, EE.UU., el 30 de enero de 2024

Por: (firmado)

Nombre: Lisa Rasmussen

Cargo: Abogada Apoderada, Jefe de Operaciones de Patentes en EE.UU.

TRADUCCIÓN - CESIÓN

A cambio de una contraprestación valiosa, cuyo recibo se acusa recibo, y con la intención de quedar legalmente vinculados, yo/nosotros, los inventores únicos/conjuntos abajo firmantes, cedemos individualmente a **Tital Therapeutics, Inc.**, una sociedad constituida bajo las leyes del estado de Delaware y con domicilio social en 700 Main Street, Cambridge, MA 02139, y sus sucesores, cesionarios y asignatarios (en conjunto, el «Cesionario»), todos mis/nuestros derechos, títulos e intereses individuales y conjuntos en todo el mundo sobre la invención o invenciones (el «Objeto») divulgadas o reivindicadas en una solicitud de patente que me/nos nombra como inventor(es), titulada « **NANOPARTÍCULAS LIPIDAS CONJUGADAS CON ANTICUERPOS ESPECÍFICOS DE CMH Y USOS DE LAS MISMAS**», y presentada en las siguientes oficinas:

USPTO el 3 de febrero de 2023, como Solicitud Provisional US 63/443,223

USPTO el 1 de mayo de 2023, como Solicitud Provisional US 63/463,252

USPTO el 17 de mayo de 2023, como Solicitud Provisional US 63/467,282

(las «Solicitudes»).

Esta Cesión cede, además del Objeto, (a) la(s) Solicitud(es) y todas las demás solicitudes que puedan presentarse, así como todas las patentes, modelos de utilidad, registros de diseños y otros derechos de exclusión y certificados de inventor de cualquiera de los Objetos (en conjunto, las «Solicitudes y Derechos Concedidos») en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las Patentes, solicitudes y derechos concedidos en virtud del Convenio Internacional para la Protección de la Propiedad Industrial, el Tratado de Cooperación en materia de Patentes, el Convenio sobre la Patente Europea, el Arreglo de La Haya y todos los demás tratados o convenios aplicables, y (c) el derecho a reclamar, cobrar y retener en nombre del Cesionario o de otro, daños y perjuicios y cualquier otra reparación que se derive de cualquier infracción pasada, presente o futura del Objeto, las Patentes, solicitudes y derechos concedidos, y cualquier otro derecho cedido por la presente Cesión.

En la medida en que cualquier parte de los derechos cedidos por la presente Cesión haya sido cedida previamente al Cesionario, la presente Cesión constituye una confirmación de la cesión anterior.

Autorizamos al cesionario a solicitar y obtener protección para cualquiera o todos los objetos, las solicitudes y los derechos concedidos, así como cualquier otro derecho cedido por la presente cesión en todos los países, regiones y territorios del mundo, en nuestro nombre o en el nombre del cesionario.

(Declaramos y garantizamos que tenemos el derecho y la facultad para realizar esta Cesión y que no hemos realizado ni realizaremos ninguna otra cesión que entre en conflicto con esta Cesión.

Comunicaré/comunicaremos al Cesionario (o, a petición del Cesionario, a otras partes) todos los datos conocidos en relación con el Objeto, ejecutaré/ejecutaremos y proporcionaré/proporcionaremos todas las escrituras y declaraciones, testimonios, cesiones, poderes notariales, solicitudes y documentos, y realizaré/realizaremos todos los demás actos necesarios o convenientes para garantizar al Cesionario los derechos, títulos e intereses cedidos por la presente Cesión.

Firmado en Lincoln, MA, EE.UU., el 29 de enero de 2024

Firma: (firmado)

Nombre del inventor: Daryl Clark Drummond

Dirección Postal: c/o Sanofi US, Departamento de Patentes, 450 Water Street, Cambridge, MA 02141, EE.UU.

Testigos:

(firmado)

Jackie Drummond

(firmado)

Katie Drummond

El Cesionario, Tidal Therapeutics, Inc., por la presente reconoce y acepta la anterior cesión.

Firmado en Cambridge, MA, EE.UU., el 31 de enero de 2024

Por: (firmado)

Nombre: Allyson Haitton

Cargo: Abogada Apoderada de Tidal Therapeutics, Inc.

TRADUCCIÓN - CESIÓN

A cambio de una contraprestación valiosa, cuyo recibo se reconoce por la presente, y con la intención de quedar legalmente vinculada, **Tidal Therapeutics, Inc.**, una sociedad constituida conforme a las leyes de Delaware y con domicilio social en 700 Main Street, Cambridge, MA 02139 (el «Cedente»), cede a **Genzyme Corporation**, una sociedad constituida conforme a las leyes de Massachusetts y con domicilio social en 450 Water Street, Cambridge, Massachusetts 02141, EE. UU., y a sus sucesores, cesionarios y adjudicatarios (en conjunto, el «Cesionario»), todos sus derechos, títulos e intereses en todo el mundo sobre las invenciones (el «Objeto») divulgadas o reivindicadas en las patentes y solicitudes enumeradas en el Anexo A (las «Patentes y Solicitudes»).

Esta cesión cede, además del objeto, (a) las patentes y solicitudes y todas las demás solicitudes que puedan presentarse, así como todas las patentes, modelos de utilidad, registros de diseños y otros derechos de exclusión y certificados de inventores para cualquiera de los objetos (en conjunto, las «patentes, solicitudes y derechos concedidos») en todos los países o regiones, y en virtud de todos los tratados o convenios, (b) el derecho a reivindicar la prioridad basada en la fecha de presentación de cualquiera de las Patentes, solicitudes y derechos concedidos en virtud del Convenio Internacional para la Protección de la Propiedad Industrial, el Tratado de Cooperación en materia de Patentes, el Convenio sobre la Patente Europea, el Arreglo de La Haya y todos los demás tratados o convenios aplicables, y (c) el derecho a reclamar, cobrar y retener, en nombre del cesionario o de otro modo, los daños y perjuicios y cualquier otra indemnización que se derive de cualquier infracción pasada, presente o futura del objeto, las patentes, solicitudes y derechos concedidos, y cualquier otro derecho cedido por la presente cesión.

En la medida en que cualquier parte de los derechos cedidos por la presente Cesión haya sido cedida previamente al Cesionario, la presente Cesión constituye una confirmación de la Cesión anterior.

El cedente autoriza al cesionario a solicitar y obtener protección para cualquiera o todos los objetos, las patentes, las solicitudes y los derechos concedidos, así como cualquier otro derecho cedido por la presente cesión en todos los países, regiones y territorios del mundo, en nombre del cedente o en nombre del cesionario.

El cedente declara y garantiza que tiene el derecho y la facultad para realizar esta cesión y que no ha realizado ni realizará ninguna otra cesión que entre en conflicto con la presente.

El cedente comunicará al cesionario (o, a petición del cesionario, a otras partes) todos los hechos conocidos, en cualquier forma, relacionados con el objeto de la cesión, formalizará y proporcionará todos los juramentos y declaraciones, testimonios, cesiones, poderes notariales, solicitudes y documentos, y realizará todos los demás actos legales necesarios o convenientes para garantizar plenamente al cesionario los derechos, títulos e intereses cedidos por la presente cesión.

Tidal Therapeutics, Inc. (el «cedente»)

Firmado en Cambridge, MA, EE.UU., el 3 de septiembre de 2024

Por: (firmado)

Nombre: Lisa Rasmussen

Cargo: Abogada Apoderada, Jefe de Operaciones de Patentes en EE.UU.

Genzyme Corporation (el «Cesionario») por la presente reconoce y acepta la cesión anterior.

Firmado en Cambridge, MA, EE.UU., el 24 de septiembre de 2024

Por: (firmado)

Nombre: Allyson Haitton

Cargo: Abogada Apoderada, Jefe de PI de Biológicos, EE.UU.

ANEXO A

<u>Título: NANOPARTÍCULAS LIPIDAS CONJUGADAS CON ANTICUERPOS ESPECÍFICOS DE CMH Y USOS DE LAS MISMAS</u>			
<u>N.º de patente/publicación</u>	<u>N.º de solicitud</u>	<u>País</u>	<u>Fecha de presentación</u>
	63/443,223	EE. UU.	3 de febrero de 2023
	63/463,252	EE. UU.	1 de mayo de 2023
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	P240100257	AR	2 de febrero de 2024
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