

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIMOTHY R. WAGENAAR	08/24/2017
DMITRI G. WIEDERSCHAIN	08/24/2017
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<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75008
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17245605
<b>Application Number:</b>	18516006
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<b>ATTORNEY DOCKET NUMBER:</b>	01183-0001-01US-T1
<b>NAME OF SUBMITTER:</b>	JULIANA MERLINO
<b>SIGNATURE:</b>	/Juliana Merlino/
<b>DATE SIGNED:</b>	11/22/2023
<b>Total Attachments: 4</b>	
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source=01183-0001_Inventors to Sanofi_assignment#page3.tif	



ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, the undersigned joint Inventors, each individually assign to Sanofi, 54 rue La Boétie, 75008 Paris, France, a corporation formed under the laws of France, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint rights, titles, and interests throughout the world in the subject matter (the "Subject Matter") disclosed or claimed in a patent application that names us as inventors, is titled "Therapeutic mRNA," and was filed in the following Patent Offices:

US Patent and Trademark Office on February 28, 2017, as US Provisional Application No. 62/464,981; and

European Patent Office on August 23, 2017, as EP17306089.8  
(the "Application(s)").

This Assignment, effective as of February 28, 2017, assigns (a) the Application 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, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, 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 Applications and Granted Rights, and any other rights assigned by this Assignment.


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 our names or in the Assignee's name.

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

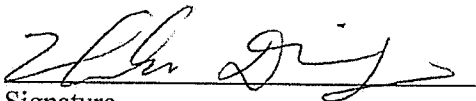
We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform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

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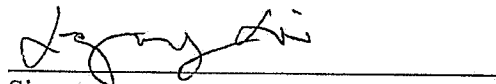
Signed at Cambridge, MA USA on this 24th day of August, 2017.  
(City, State and Nation)

Signature:   
Inventor's Name: Timothy R. Wagenaar  
Mailing Address: c/o Sanofi, 55 Corporate Drive, Bridgewater, NJ 08807 USA

Witnessed by:

  
Signature

ZHIHU DING  
Printed Name

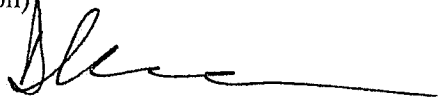
  
Signature

Xiangming Li  
Printed Name

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Signed at Cambridge, MA USA on this 24th day of August, 2017.  
(City, State and Nation)

Signature:



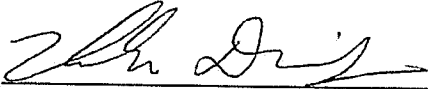
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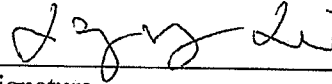
Witnessed by:



Signature

ZHIHU DING

Printed Name



Signature

Xiangming Li

Printed Name

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**ASSIGNMENT OF RIGHTS ACCEPTED BY Sanofi**

Signed at Cambridge, MA, U.S.A. on this 25 day of August, 2017.  
(City, State and Nation)

By:



Name: Brian R. Morrill

Title: Authorized Signatory, AVP Head of US Pharma Patents