

ASSIGNMENT

For valuable consideration, we, Alexey SEREGIN of Westford, MA, Tongyao LIU of Lexington, MA, Susannah PATARROYO-WHITE of Waltham, MA, Douglas DRAGER of Waltham, MA, and Robert T. PETERS of Needham, MA, hereby assign to Bioverativ Therapeutics Inc., a corporation of Massachusetts having a place of business at:

225 Second Avenue
Waltham, Massachusetts 02451,

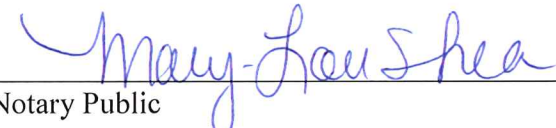
and its successors and assigns (collectively hereinafter called “the Assignee”), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled NUCLEIC ACID MOLECULES AND USES THEREOF, assigned as U.S. Application Number 62/543,297, having the filing date of August 9, 2017, this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, continuation-in-part, divisional, reissue, and reexamination applications, 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 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 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.

DATE: 8/16/17

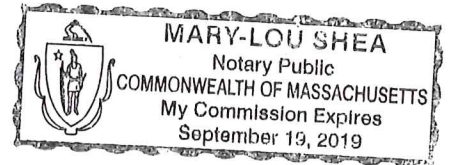

Alexey SEREGIN

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

Before me this 16th day of August, 20 17, personally appeared Alexey SEREGIN known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of Bioverativ Company II, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Notary Public
My Commission Expires:

[Notary's Seal Here]



DATE: 8/16/2017

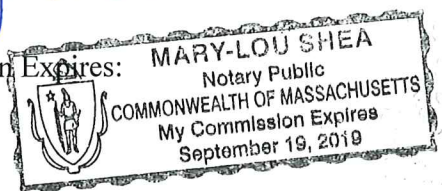
Tongyao Liu
Tongyao LIU

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

Before me this 16th day of August, 2017, personally appeared Tongyao LIU known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of Bioverativ Company ID, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

Mary-Lou Shea
Notary Public

My Commission Expires:



[Notary's Seal Here]

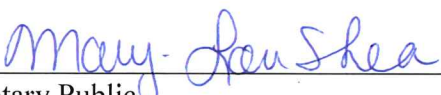
DATE: 8/16/17



Susannah PATARROYO-WHITE

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

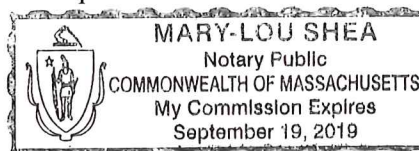
Before me this 16th day of August, 20 17, personally appeared Susannah PATARROYO-WHITE known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of Bioverative Company ID, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.



Notary Public

My Commission Expires:

[Notary's Seal Here]

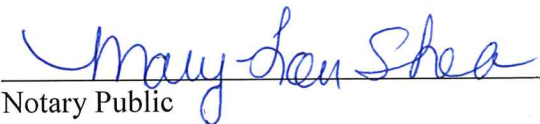


DATE: 8/16/17


Douglas DRAGER

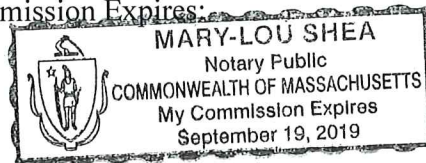
STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

Before me this 16th day of August, 2017, personally appeared Douglas DRAGER known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of Bioverativ Company ID, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

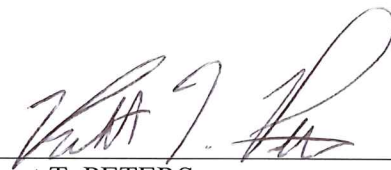

Notary Public

My Commission Expires:

[Notary's Seal Here]



DATE: August 16, 2017


Robert T. PETERS

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

Before me this 16th day of August, 20 17, personally appeared Robert T. PETERS known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of Bioverativ Company Inc., and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Notary Public
My Commission Expires:

[Notary's Seal Here]

