

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4537144

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
EMD MILLIPORE CORPORATION			07/21/2017
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PROTHENA BIOSCIENCES LIMITED		
<b>Street Address:</b>	ADELPHI PLAZA, UPPER GEORGE'S STREET		
<b>Internal Address:</b>	DUN LAOGHAIRE CO.		
<b>City:</b>	DUBLIN		
<b>State/Country:</b>	IRELAND		
<b>Postal Code:</b>	A96 T927		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	15247598		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(650)838-2001		
<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>			
<b>Phone:</b>	650-838-2000		
<b>Email:</b>	tami.tucker@alston.com		
<b>Correspondent Name:</b>	ROSEMARIE L. CELLI		
<b>Address Line 1:</b>	ALSTON & BIRD LLP		
<b>Address Line 2:</b>	101 SOUTH TRYON STREET, SUITE 4000		
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280-4000		
<b>ATTORNEY DOCKET NUMBER:</b>	057450-408266		
<b>NAME OF SUBMITTER:</b>	ROSEMARIE L. CELLI		
<b>SIGNATURE:</b>	/Rosemarie L. Celli/		
<b>DATE SIGNED:</b>	08/04/2017		
<b>Total Attachments: 4</b>			
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ASSIGNMENT

THIS ASSIGNMENT, by EMD MILLIPORE CORPORATION, a corporation duly organized under and pursuant to the laws of Massachusetts, and having its principal place of business at 290 Concord Road, Billerica MA 01821 (hereinafter referred to as "Assignor"), witnesseth:

WHEREAS, Assignor is the owner of an undivided right, title and interest in and to the invention set forth as follows:

Title of Invention: Methods For Detecting Phosphorylated Alpha-Synuclein

US Application No.: 15/247,598

Filing Date: August 25, 2016

WHEREAS, PROTHENA BIOSCIENCES LIMITED formerly known as NEOTOPE BIOSCIENCES LIMITED, a private limited company incorporated under the laws of Ireland, and having its registered office at Adelphi Plaza, Upper George's Street, Dun Laoghaire Co., Dublin, A96 T927, Ireland (hereinafter referred to as "Assignee"), pursuant to the Master Services Agreement effective November, 2014 (hereinafter referred to as "the Agreement") between Singulex, Inc., predecessor in interest to Assignor, and Assignee has acquired Assignor's right, title, and interest in and to the above-mentioned application and invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, on said invention for Letters Patent of the United States or other countries, and any applications claiming priority to said applications, and in and to any Letters Patent or Patents of any country, to be obtained therefor and thereon;

NOW, THEREFORE, pursuant to the Agreement, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred, and set over, and by these presents does assign, transfer, and set over unto Assignee, and Assignee's successors, legal representatives, and assigns, all of Assignor's right, title, and interest in and to the above-mentioned invention and application, the right to file applications on said invention and the right, title and interest in and to any such applications, including provisional applications, and any applications claiming priority from said applications for Letters Patent of the United States or other countries, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, including the right to claim priority, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor had its assignment not been made;

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AND Assignor hereby covenants that Assignor has the full right to convey the interest assigned by this Assignment, and Assignor has not executed and will not execute any agreement in conflict with this Assignment;

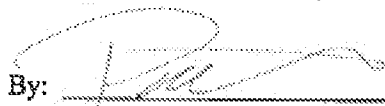
AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives, and assigns, that Assignor shall, whenever counsel of Assignee, or the counsel of its successors, legal representatives, and assigns, advises that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said applications, division, continuation, continuation-in-part, substitution or conversion of any applications for Letters Patent or Patents, or any reissue, prolongation or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention, without charge to Assignee, but at the cost and expense of Assignee, its successors, legal representatives, and assigns;

AND Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to Assignee as the assignee of said invention and the Letters Patent or Patents issued and to be issued thereon for the sole use and behalf of Assignee, its successors, legal representatives, and assigns;

IN TESTIMONY WHEREOF, a duly authorized representative of Assignor has signed on the date indicated.

EMD MILLIPORE CORPORATION

Date: 21 July 2017

By: 

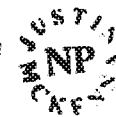
Printed Name: Petrak Schneider  
Title: SVP, Head of Business Dev & R&D

EXECUTION IN THE PRESENCE OF A NOTARY IS PREFERRED

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IN TESTIMONY WHEREOF, a duly authorized representative of Assignee has signed on the date indicated.

PROTHENA BIOSCIENCES LIMITED

Date: 1 August 2017

By: [Signature]

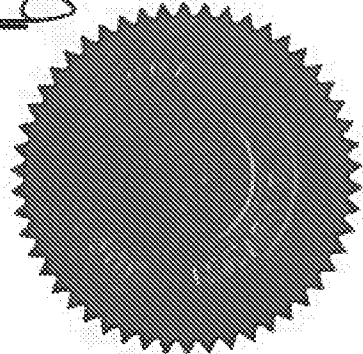
Printed Name: NINA ASHTON

Title: ASSISTANT COMPANY SECRETARY

Subscribed to by Nina Ashton  
and \_\_\_\_\_  
with whose identities I have first satisfied  
myself this 1 day of August 2017

[Signature]  
Justin McKenna  
Notary Public

JUSTIN McKENNA  
NOTARY PUBLIC  
8 ADELAIDE STREET  
DUN LAOGHAIRE  
CO DUBLIN  
REPUBLIC OF IRELAND  
COMMISSIONED FOR LIFE

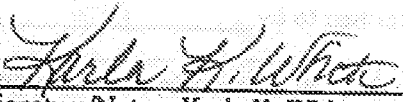


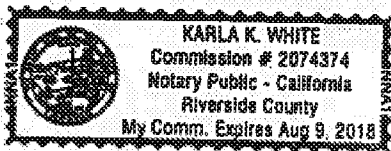
EXECUTION IN THE PRESENCE OF A NOTARY IS PREFERRED

**MILLIPORE  
SIGMA**

"A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document."

Date: 21 Day July Month 2017 Year

  
Signature/Notary Karla K. White



Notary Stamp

EMD Millipore is a division of Merck KGaA, Darmstadt, Germany

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada

EMD Millipore Corporation  
28820 Single Oak Drive  
Temecula, CA 92590  
U.S.A.

  
**PATENT**

**JUSTIN  
NP**