

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT8149619

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MACFARLAN SMITH LIMITED	12/15/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	METRO INTERNATIONAL BIOTECH, LLC
<b>Street Address:</b>	100 BARBER AVENUE
<b>City:</b>	WORCESTER
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01605
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18129345
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)832-7000
<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>	(617) 832-1754
<b>Email:</b>	patentdocketing@foleyhoag.com, kbigelow@foleyhoag.com
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<b>Address Line 1:</b>	155 SEAPORT BOULEVARD
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<b>ATTORNEY DOCKET NUMBER:</b>	MBS-03601
<b>NAME OF SUBMITTER:</b>	KRISTIN BIGELOW
<b>SIGNATURE:</b>	/Kristin Bigelow/
<b>DATE SIGNED:</b>	09/05/2023
<b>Total Attachments: 2</b>	
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## CONFIRMATION OF ASSIGNMENT

WHEREAS, we, the undersigned, **Macfarlan Smith Limited**, having a place of business at **250 Cambridge Science Park, Milton Road, Cambridge CB4 0WE, United Kingdom** (hereinafter termed "Assignor"), owner of an interest in the right, title and interest in and to certain new and useful improvements disclosed in **CRYSTALLINE SOLIDS OF NICOTINIC ACID MONONUCLEOTIDE AND ESTERS THEREOF AND METHODS OF MAKING AND USE**, for which an application under the Patent Cooperation Treaty having Patent Application No. **PCT/US22/31124** was filed **MAY 26, 2022**, by virtue of a prior assignment from inventors **MATEUSZ PITAK, JOSEPH HARRIS, and MARTIN BATES** (hereinafter termed "Inventors"), and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries;

WHEREAS, **METRO INTERNATIONAL BIOTECH, LLC**, having a place of business at **100 Barber Avenue, Worcester, MA 01606** (hereinafter termed "Assignee"), is desirous of acquiring Assignor's entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor to have been received in full from said Assignee:

1. Said Assignor does hereby sell, assign, transfer and convey, and/or confirm prior sale, assignments, transfer, and conveyance, unto said Assignee, Assignor's entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Assignor shall include reasonable production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other reasonable assistance to Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that any expense incurred by said Assignor in providing such cooperation shall be paid for by said Assignee.

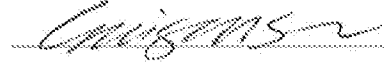
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor, their respective heirs, legal representatives and assigns.

The undersigned, whose title is supplied below, is authorized to act on behalf of Varanova, L.P.

Macfarlan Smith Limited

Date: 15 DEC 2022

Signed:



Print Name:

CRAIG W GRANT

Print Title:

DIRECTOR

Address:

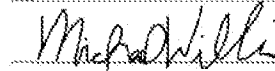
250 Cambridge Science Park, Milton  
Road, Cambridge CB4 0WE, UK

The undersigned, whose title is supplied below, is authorized to act on behalf of METRO INTERNATIONAL BIOTECH, LLC.

METRO INTERNATIONAL BIOTECH,  
LLC

Date: 19 December 2022

Signed:



Print Name:

Michael Willis

Print Title:

Corporate Counsel

Address:

100 Barber Avenue, Worcester, MA  
01606