

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6318882

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY DATA previously recorded on Reel 053189 Frame 0298. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JACQUES RAVEL	03/11/2020
MICHAEL FRANCE	03/11/2020
LINDSAY RUTT	03/11/2020
BING MA	03/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF MARYLAND, BALTIMORE
<b>Street Address:</b>	620 W. LEXINGTON STREET
<b>Internal Address:</b>	4TH FLOOR
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21201
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16917661
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	kkebba@sheridanross.com
<b>Correspondent Name:</b>	TYLER J. BOSCHERT
<b>Address Line 1:</b>	1560 BROADWAY, SUITE 1200
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	10122-9-CIP
<b>NAME OF SUBMITTER:</b>	TYLER J. BOSCHERT
<b>SIGNATURE:</b>	/Tyler J. Boschert/
<b>DATE SIGNED:</b>	09/25/2020
<b>Total Attachments: 4</b>	
source=JR-2020-068 (US) corrective Assignment#page1.tif	

source=JR-2020-068 (US) corrective Assignment#page2.tif  
source=JR-2020-068 (US) corrective Assignment#page3.tif  
source=JR-2020-068 (US) corrective Assignment#page4.tif

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6196761

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JACQUES RAVEL	03/11/2020
MICHAEL FRANCE	03/11/2020
LINDSAY RUTT	03/11/2020
BING MA	03/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF MARYLAND
<b>Street Address:</b>	620 W. LEXINGTON STREET
<b>Internal Address:</b>	4TH FLOOR
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21201
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16917661
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)863-0223
<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>	303-863-9700
<b>Email:</b>	edocket@sheridanross.com
<b>Correspondent Name:</b>	SHERIDAN ROSS P.C.
<b>Address Line 1:</b>	1560 BROADWAY
<b>Address Line 2:</b>	SUITE 1200
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	10122-9-CIP
<b>NAME OF SUBMITTER:</b>	TYLER J. BOSCHERT
<b>SIGNATURE:</b>	/Tyler J. Boschert/
<b>DATE SIGNED:</b>	07/13/2020
<b>Total Attachments: 3</b>	

### ASSIGNMENT

In consideration of UMB's agreement to consider Assignors as a "UMB Inventors" who are entitled to revenue distributions under the University System of Maryland Policy on Intellectual Property, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Jacques Ravel, Michael France, Lindsay Rutt and Bing Ma** ("Assignors") hereby convey, assign, and transfer to the **University of Maryland, Baltimore**, a public university that is part of the University System of Maryland (which is a public corporation and an instrumentality of the State of Maryland) ("UMB"), and having an office c/o Office of Research and Development, 620 W. Lexington Street, 4<sup>th</sup> floor, Baltimore, MD 21201, their entire right, title, and interest in and to the invention known as "**MICROBIOME-BASED INFORMED METHOD TO FORMULATE LIVE BIOTHERAPEUTICS**" (the "Invention"):

check applicable space(s)  for the United States of America (as defined in 35 U.S.C. §100)  
 and throughout the world,

for which application for patent was filed in the United States of America on **February 25, 2020** (also known as U.S. Non-Provisional application serial number **16/800,702**), and in any and all non-provisional and/or international or foreign patent applications thereon, continuing patent applications thereon (including without limitation substitutions, divisionals, continuations, and continuations-in-part), patents or Letters Patent issued therefrom, and reissues, extensions, renewals, and reexaminations of such applications or patents.

Such entire right, title, and interest in the Invention are to be held and enjoyed by UMB to the same extent as they would have been held and enjoyed by Assignors had this Assignment not been made, to the full end of the term or terms for which any such patent issue. Assignors hereby represent and warrant that they have full right to convey their right, title, and interest in the Invention herein assigned, and that they have not executed and will not execute any agreement or other document in conflict therewith.

Assignors agree to execute and deliver separate Assignments, patent applications, and other documents necessary or expedient in connection with, and to cooperate with and to assist UMB in connection with: further perfecting the assignment of the Invention to UMB; UMB's preparation, filing, prosecution (including without limitation defense in interference proceedings, reexaminations, or litigation), enforcement, and/or maintenance of the patents and patent applications; or for UMB to protect and commercialize its intellectual property right, title, and interests in the Invention (including without limitation copyright and/or trademarks).

IN WITNESS WHEREOF, executed by Assignors on the date opposite his/her name.

3/11/2020  
Date

ASSIGNOR:  
[Signature] (SEAL)  
Jacques Ravel  
Address:  
8568 Willow Wisp Court  
Laurel, MD 20723

STATE OF Maryland  
CITY / COUNTY OF Anne Arundel

I HEREBY CERTIFY, that on this 11<sup>th</sup> day of March, 2020, before me, Notary Public of the State of Maryland, personally appeared Jacques Ravel, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

[Signature] (SEAL)  
Notary Public

My Commission Expires: July 1, 2020

ASSIGNOR:

3/11/20  
Date

Michael France (SEAL)  
Michael France

Address:  
22 South Howard Street, Apt 403  
Baltimore, MD 21201

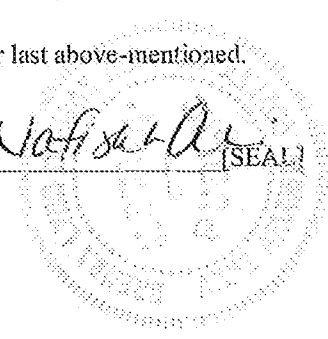
STATE OF Maryland  
CITY / COUNTY OF Anne Arundel }

I HEREBY CERTIFY, that on this 11<sup>th</sup> day of March, 20 20, before me, Notary Public of the State of Maryland, personally appeared Michael France, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

Brenda Lynn Nafisat Ali (SEAL)  
Notary Public

My Commission Expires July 1, 2020



ASSIGNOR:

3/11/20  
Date

Lindsay Rutt (SEAL)  
Lindsay Rutt

Address:  
315 E. Hamburg Street  
Baltimore, MD 21230

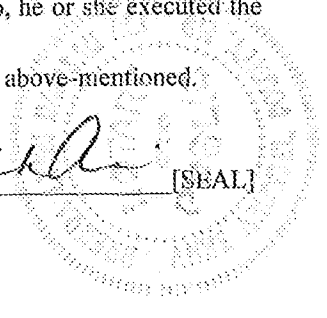
STATE OF Maryland  
CITY / COUNTY OF Anne Arundel }

I HEREBY CERTIFY, that on this 11<sup>th</sup> day of March, 20 20, before me, Notary Public of the State of Maryland, personally appeared Lindsay Rutt, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

Brenda Lynn Nafisat Ali (SEAL)  
Notary Public

My Commission Expires July 1, 2020



ASSIGNOR:

3/11/2020  
Date

[Signature] (SEAL)  
Bing Ma

Address:  
5913 Quiet Ways Court  
Clarksville, MD 21029

STATE OF Maryland  
CITY / COUNTY OF Anne Arundel

I HEREBY CERTIFY, that on this 11th day of March, 2020, before me, Notary Public of the State of Maryland, personally appeared Bing Ma, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that, being authorized to do so, he or she executed the same as for the purposes contained therein.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above-mentioned.

[Signature] (SEAL)  
Notary Public

My Commission Expires July 1, 2020

