

## 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>
HAROLD DAVID GUNN	10/27/2016
SALIM DHANJI	10/28/2016
DAVID W. MULLINS	10/28/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QU BIOLOGICS INC.
<b>Street Address:</b>	887 GREAT NORTHERN WAY, SUITE 138
<b>City:</b>	VANCOUVER, BRITISH COLUMBIA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5T 4T5
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15308302
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)327-3231
<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>	6503273400
<b>Email:</b>	baker@bozpat.com
<b>Correspondent Name:</b>	BOZICEVIC, FIELD & FRANCIS LLP
<b>Address Line 1:</b>	1900 UNIVERSITY AVENUE
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<b>Address Line 4:</b>	EAST PALO ALTO, CALIFORNIA 94303
<b>ATTORNEY DOCKET NUMBER:</b>	GLHL-007
<b>NAME OF SUBMITTER:</b>	BRET E. FIELD
<b>SIGNATURE:</b>	/Bret E. Field, Reg. No. 37,620/
<b>DATE SIGNED:</b>	11/22/2016
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

WHEREAS, WE:

**Harold David GUNN**, of 1116 Ironwork Passage, Vancouver, British Columbia, V6H 3P1, Canada,

**David W. MULLINS**, c/o Geisel School of Medicine, One Medical Center Drive, Rubin 733, HB7937, Lebanon, New Hampshire 03756, United States of America, together with

**Salim DHANJI**, of 1425 Sutherland Avenue, North Vancouver, British Columbia V7L 4B4, Canada,

have invented an invention entitled: **ANTI-MICROBIAL IMMUNOMODULATION** ("Invention"), described and/or claimed in International Application No. PCT/CA2015/050377 filed May 1, 2015, claiming priority to U.S. Patent Application No. 61/988,117 filed May 2, 2014.

WHEREAS, **QU BIOLOGICS INC.** (hereinafter referred to as "ASSIGNEE") having a mailing address at **887 Great Northern Way, Suite 138, Vancouver, British Columbia, 887 Great Northern Way, Suite 138, Canada**, is desirous of confirming that it has acquired and has had assigned to it, and by way of further assurances is desirous of acquiring and having assigned to it, the full right, title, and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS we have agreed to make such assignment, and we represent and warrant that we are the only inventors of the Invention;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we hereby confirm that we have sold, assigned, and transferred absolutely, and by way of further assurances do hereby sell,

assign, and transfer absolutely to the ASSIGNEE the full and exclusive right, title, and interest in and to: (a) the Invention worldwide; (b) any and all patent applications, which is hereby deemed to include any and all industrial design applications, for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-parts, provisionals, non-provisionals, substitutions, and renewals thereof; (c) all Letters Patent, which is hereby deemed to include all industrial designs, which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

We hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, we agree that we will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisional, continuation, continuation-in-part, extension, renewal, provisional, non-provisional or substitute thereof, and the Letters Patent including any renewal, re-examination, extension, and reissue of said Letters Patent, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, to aid the ASSIGNEE, its successors and assigns as may be reasonably requested by any of the ASSIGNEE, its successors and assigns, to obtain, vest, register, record, confirm, prove, or enforce the Invention or ASSIGNEE'S rights in the Invention in any and all countries and jurisdictions.

The undersigned hereby authorize the firm of Gowling WLG (Canada) LLP, or any other entity as ASSIGNEE may designate in its absolute discretion, to correct errors

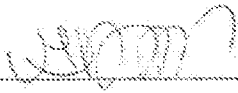
in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

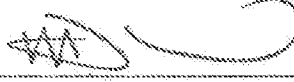
[SIGNATURE PAGE FOLLOWS IMMEDIATELY]

EXECUTED at Vancouver, BC. this  
27 day of October, 2016.

Witness:

Inventor:





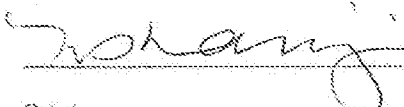
Print  
Name: Gillian Vandermeersch

Harold David GUNN

EXECUTED at North Vancouver BC this  
28<sup>th</sup> day of October, 2016.

Witness:

Inventor:





Print  
Name: Neilin Dhanji

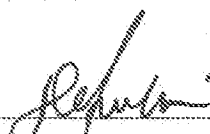
Salim DHANJI

EXECUTED at Hamover, NH USA this  
20<sup>th</sup> day of October, 2016.

Witness:

Inventor:



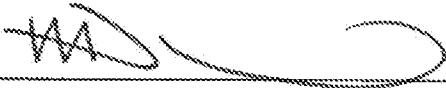


Print  
Name: JANET CHENEY

David W. MULLINS

ACKNOWLEDGMENT OF ASSIGNMENT

Acknowledgement of Receipt of Assignment by QU BIOLOGICS INC.

By: 

Name: HNL Guin

Title: CEO

Date: Oct 27, 2016

Vancouver, Canada.  
(City & Country Where Assignment Executed)