

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NOVARTIS FORSCHUNGSSTIFTUNG	10/26/2017
RECEIVING PARTY DATA	
Name:	FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH
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City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4058
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15005302
CORRESPONDENCE DATA	
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<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>	
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NAME OF SUBMITTER:	MICHAIAH COPP
SIGNATURE:	/Michaiah Copp/
DATE SIGNED:	10/27/2017
Total Attachments: 3	
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ASSIGNMENT

This PATENT ASSIGNMENT is dated October 26, 2017, and entered into by and between

Novartis Forschungsstiftung, a company organized under the laws of Switzerland and having its principal place of business at Lichtstrasse 35, 4056 Basel, Switzerland (hereinafter referred to as "the Assignor"); and

Friedrich Miescher Institute for Biomedical Research, an organization organized under the laws of Switzerland, whose address is Maulbeerstrasse 66, 4058 Basel, Switzerland (hereinafter referred to as "the Assignee").

Assignor and Assignee are collectively referred to herein as the "**Parties**."

WHEREAS, prior to the establishment of Assignee, Assignor operated the Friedrich Miescher Institute for Biomedical Research as a branch of Novartis Forschungsstiftung, which was registered in the commercial register as Novartis Forschungsstiftung, Zweigniederlassung Friedrich Miescher Institute for Biomedical Research;

WHEREAS, prior to the establishment of Assignee, Assignor was the owner of 100 percent interest in Novartis Forschungsstiftung, Zweigniederlassung Friedrich Miescher Institute for Biomedical Research;

WHEREAS, the Assignor transferred to Assignee, and Assignee acquired from Assignor, the Assignor's all rights, title, and interest in and to the patent rights listed in **Schedule A**.

NOW, THEREFORE, the Parties agree as follows:

1. Assignor hereby confirms having sold, transferred, conveyed, assigned, and delivered to Assignee, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the title Assignor held, or may come to hold, in any jurisdiction world-wide, in and to (i) the patent rights listed in **Schedule A** hereto, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals, reexaminations, national registrations and foreign counterparts of the foregoing, and (iii) all supplemental protection certificates and patent term extensions relying on or connected to any of the foregoing, (the foregoing (i), (ii) and (iii) comprising the "**Assigned Patents**") and (iv) all right as title holder to claim priority from any of the Assigned Patents and (v) all right as title holder to sue at law or in equity for any past, present, and future infringement, abuse, misappropriation, violation, or other impairment thereof of the Assigned Patents.

2. Assignee hereby confirms having accepted such title.

3. The Parties hereby request and authorize the authority at the relevant national patent office to record Assignee as the recorded holder of title, legal owner, registered owner, assignee, and/or applicant, as the case may be, of the Assigned Patents.

IN WITNESS WHEREOF, the Parties hereto have caused this Assignment to be executed.

Novartis Forschungsstiftung

By: [Signature]
Name: G. Hove
Title:

Date: 20.10.17

By: [Signature]
Name: N. Kreissel
Title: Head MSD

Date: 27.10.2017

Friedrich Miescher Institute for Biomedical Research

By: [Signature]
Name: Prof. Susan M. Gasser
Title: Director

Date: 26.10.2017

By: [Signature]
Name: Dr. Nicolas Favre
Title: Head Patents & Licensing

Date: 26.10.17

Schedule A

Family	Application No.	Filing Date
PAT031255	US 10/149,623	October 9, 2002
PAT031465	AU 2001263952	June 7, 2001
PAT031465	US 10/297641	December 9, 2002
PAT031520	AU 2001279679	June 21, 2001
PAT032119	US 11/522,630	September 18, 2006
PAT032526	US 10/517,904	December 10, 2004
PAT032764	US 10/535,920	December 21, 2005
PAT033850	US 11/572,561	January 10, 2008
PAT052358	US 12/746,214	June 4, 2010
PAT052650	EP 09731569.1	April 16, 2009
PAT052650	US 15/005,302	January 25, 2016
PAT052993	US 13/126,802	June 13, 2011
PAT053760	EP 10745257.5	August 26, 2010
PAT053760	US 13/392,145	March 28, 2012
PAT054089	EP 11706611.8	March 4, 2011
PAT054115	EP 11712218.4	March 28, 2011
PAT054672	EP 12725781.4	June 5, 2012
PAT054672	US 14/124,441	December 6, 2013
PAT055159	EP 13732495.0	June 28, 2013