PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL DOWNES	06/14/2017
EIJI YOSHIHARA	06/14/2017
RUTH YU	06/14/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17706272

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ATTORNEY DOCKET NUMBER:	167776-010908/US/DIV	
NAME OF SUBMITTER:	LESLIE SERUNIAN	
SIGNATURE:	/Leslie Serunian/	
DATE SIGNED:	02/10/2023	

Total Attachments: 3

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PATENT 507744577 REEL: 062662 FRAME: 0829

Attorney Docket No.; 167776.010901/PCT Salk Ref: S2016-027A

ASSIGNMENT

We, Michael Downes, Eiji Yoshihara and Ruth Yu, all c/o Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037; ("Inventors"), have invented an invention entitled "COMPOSITIONS AND METHODS FOR ORGANOID GENERATION AND DISEASE MODELING," for which the patent applications has been filed in in the U.S. Patent and Trademark Office, which is disclosed in the following patent applications:

U.S. PCT Patent Application No.: PCT/US2017/034278, filed May 24, 2017, which claims priority to Provisional Patent Application No.: 62/341,461, filed May 25, 2016.

The invention was made as a result of our activities at or on behalf of the Salk Institute for Biological Studies or as a result of our utilization of information, facilities or other resources of the Salk Institute for Biological Studies. The conditions under which said invention(s) was made are such as to entitle the Salk Institute for Biological Studies to our entire right, title, and interest in the invention(s) and the patent applications in the United States and its territories and dependencies, and all other countries of the world.

In consideration of my Obligations and other valuable consideration, we the undersigned hereby sell, assign, and transfer to the Salk Institute for Biological Studies (hereinafter, "Salk Institute"), its successors and assigns, our full and exclusive right, title, and interest in the invention(s) and the patent applications throughout the United States of America and its territories and dependencies, and all other countries of the world. This includes an assignment of all non-provisional patent applications and any Letters Patent that may be granted on the invention(s) for corresponding non-provisional patent applications in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the provisional patent applications as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to the Salk Institute as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

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We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral. or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to the Salk Institute, its representatives, successors, assigns, or agents, any facts known to us respecting the invention(s), and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuing, and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid the Salk Institute, its representatives, successors, assigns, or agents to obtain and enforce proper patent protection for the invention(s) in the United States or any foreign country. These provisions are binding upon our respective heirs, legal representatives, administrators and assigns.

IN TESTIMONY WHEREOF, the Assignors have signed his/her names on the date indicated below.

Dated: 12/14/2013	_ m. Daren.
	Michael Downes
Witnessed by: Name Muutok A. Bouncal Please Print or Type N	ame
Signature: Man	,

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Salk Ref: S2016-027A Dated: Eiji Yoshihara Witnessed by: Name Million By Broad Please Print or Type Name Signature: Witnessed by: Name Muchine 4. 3 - 3 and out Please Print or Type Name Signature: _//\u00e4 The undersigned is authorized to sign this document on behalf of Salk Institute for Biological Studies. Executed at La Jolla, CA on the 25 day of Jan SALK INSTITUTE FOR BIOLOGICAL STUDIES By Mr mm Name (typed or printed) Michelle Booden, Ph.D.

Title (typed or printed) Senior Director, Technology Development

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RECORDED: 02/10/2023