

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	1	
CONVEYING PARTY DATA		
	Name	Execution Date
	DOUGLAS A. MELTON	03/16/2015
RECEIVING PARTY DATA		
Name:	HOWARD HUGHES MEDICAL INSTITUTE	
Street Address:	4000 JONES BRIDGE ROAD	
City:	CHEVY CHASE	
State/Country:	MARYLAND	
Postal Code:	20815-6789	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16934885
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NAME OF SUBMITTER:	LISA M. WARREN	
SIGNATURE:	/Lisa M. Warren/	
DATE SIGNED:	07/02/2021	
Total Attachments: 2		
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CONFIRMATION OF ASSIGNMENT

Confirmation of Assignment made March 16, 2015 by Douglas A. Melton, PhD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation ("HHMI").

Recitals

WHEREAS, Inventor is an employee of HHMI and, as a condition of his employment, has signed the Intellectual Property Assignment Agreement (the "Intellectual Property Agreement");

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor (a) assigned to HHMI all rights he had in any intellectual property resulting from research by HHMI employees, alone or with others, whether or not patentable or copyrightable, and whether funded in whole or in part by HHMI (each a "Subject Property") and (b) agreed to execute any agreements that may be desired by HHMI in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Protocol that Makes More Pure NKX6.1+ Endocrine Clusters" which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, Inventor seeks to confirm the assignment of his interest in the Invention to HHMI, and HHMI desires the execution of a confirmatory assignment of all of Inventor's right, title, and interest in the Invention.

NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:

1. Assignment. Inventor hereby confirms the assignment to HHMI of his entire right, title, and interest in the Invention; any United States patent applications and all corresponding foreign patent applications which are directed to the Invention (including, without limitation, the patent application entitled "Serum-Free In Vitro Directed Differentiation Protocol for Generating Stem Cell-Derived β Cells and Uses Thereof" filed in the United States Patent and Trademark Office on December 18, 2014 with Serial Number 62/094,010), and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and which may be contained in continuation-in-part applications or in patents which issue therefrom.

2. Cooperation. Inventor agrees to execute upon request such further confirmatory assignments, documents, and other instruments as may be requested by HHMI in connection with the Invention and to assist HHMI (or others at the direction of HHMI) in

applying for, obtaining, and enforcing patents, copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of HHMI and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives, successors and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith.

Inventor:

Douglas A. Melton
Douglas A. Melton, PhD

Commonwealth of Massachusetts

County of Middlesex

Then personally appeared before me the above-named Douglas A. Melton, PhD and acknowledged that he executed the foregoing instrument in his authorized capacity this 16th day of March, 2015

(SEAL)

Notary Public:

Celia Shneider
Celia Shneider
(print name)

My Commission Expires: 12/17/15

HU 5662
HHMI 05872