PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE: ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JOHAN W. JONKER	11/26/2012
MICHAEL DOWNES	11/19/2012
JAE MYOUNG SUH	11/19/2012

RECEIVING PARTY DATA

Name:	Salk Institute for Biological Studies	
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City:	La Jolla	
State/Country:	CALIFORNIA	
Postal Code:	92037-1002	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15703717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	7158-92992-15	
NAME OF SUBMITTER: SHEREE LYNN RYBAK, PH.D.		
SIGNATURE:	/Sheree Lynn Rybak/	
DATE SIGNED:	09/13/2017	

Total Attachments: 3

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PATENT REEL: 043580 FRAME: 0640 504546521

De Klerkstmat 43
9731 MP
Groningen.

We, Johan W. JONKER of 130 Willipas Street, San Diego, California 92103, a citizen of the Netherlands, Michael DOWNES of 2730 Havasupai Avenue. San Diego, California 92117, a citizen of Australia, and Jaemyoung SUH of 4238 Corte Favor, San Diego, California 92130, a citizen of South Korea, have invented an invention entitled METHODS FOR TREATING METABOLIC DISORDERS USING FGF for which the following patent applications have been filed:

u.s. Provisional Patent Application No. 61/325,253 filed on April 16, 2010;	
U.S. Provisional Patent Application No. 61/325,255 filed on April 16, 2010;	
U.S. Provisional Patent Application No. 61/325,261 filed on April 16, 2010;	
International Patent Application No. PCT/US2011/032848 filed on April 18, 2	2011; and
U.S. Utility Patent Application No. 13/641,451 filed	•

which applications are collectively referred to herein as "the patent applications,"

The subject inventions were made as a result of my activities at or on behalf of the Salk Institute for Biological Studies or as a result of my utilization of information, facilities or other resources of the Salk Institute for Biological Studies. The conditions under which said inventions were made are such as to entitle the Salk Institute for Biological Studies to the entire right, title, and interest in the inventions 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, I the undersigned hereby sell, assign, and transfer to the Salk Institute for Biological Studies (hereinafter, "Salk Institute"), its successors and assigns, the full and exclusive right, title, and interest in the inventions 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 provisional and non-provisional patent applications and any Patents that may be granted on the inventions for corresponding provisional and 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, relssue, 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.

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We authorize and request the issuance of said Patents 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.

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 me respecting the inventions, and testify in any legal proceedings, sign all lawful papers, execute all non-provisional, divisional, continuing, and reissue applications, make all rightful ooths, 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 inventions in the United States or any foreign country. These provisions are binding upon my heirs, legal representatives, administrators and assigns.

IN TESTIMONY WHEREOF, the Assign	nors have signed their names on the dates indicated.
Dated: 11/26/2012	Marke
	Solián W. JONKER
	rjes
Signature:	warme
Dated: 11 19 2012	Michael DOWNES
Witnessed by: Name <u>Planistina l'</u> Piease Print or Type	
Signature: A 11-	_

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Dated: 11 19 2012

Jaemyoung Syl

Witnessed by: Name _______

Please Print or Type Name

Signature:

Salk Ref. \$10011 KTS Ref. 92150-854362-003010US

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PATENT REEL: 043580 FRAME: 0643

RECORDED: 09/13/2017