

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT		
EFFECTIVE DATE:	03/26/2015		
CONVEYING PARTY DATA			
Name			Execution Date
MARK MCLAUGHLIN			09/01/2017
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Property Type	Number		
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ATTORNEY DOCKET NUMBER:	10110-123US1		
NAME OF SUBMITTER:	CHRISTOPHER L. CURFMAN		
SIGNATURE:	/Christopher L. Curfman/		
DATE SIGNED:	12/20/2017		
Total Attachments: 2			
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NUNC PRO TUNC ASSIGNMENT

For valuable consideration, I, **Mark McLaughlin**, hereby assign to **University of South Florida**, a Florida non-profit corporation, having a place of business at 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612-9220, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent titled "TOLL-LIKE RECEPTOR 2 LIGANDS AND METHODS OF MAKING AND USING THEREOF," accorded the filing date of March 26, 2015, and assigned U.S. Patent Application No. **62/138,658**, and an international application accorded the filing date of March 25, 2016, and assigned International Application No. **PCT/US2016/024327**, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

This assignment is expressly made *NUNC PRO TUNC* to be effective as of March 26, 2015, the accorded filing date of the U.S. Patent Application.

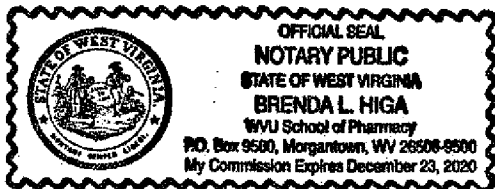
Date: 9/1/2017

Mark McLaughlin
Mark McLaughlin

STATE OF West Virginia)
) SS.
COUNTY OF Monongalia)

On September 1, 2017, before me, the undersigned, a notary public for the State of West Virginia, there personally appeared **Mark McLaughlin**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Brenda L. Higa
Notary Public