

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7007922

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.	06/30/2021
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<b>Postal Code:</b>	65211-8375
<b>PROPERTY NUMBERS Total: 6</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15736088
<b>Patent Number:</b>	7598345
<b>Patent Number:</b>	8017582
<b>Patent Number:</b>	9079976
<b>Patent Number:</b>	7927602
<b>Patent Number:</b>	8076096
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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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PATENT

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<b>ATTORNEY DOCKET NUMBER:</b>	089885-0153 ET AL.
<b>NAME OF SUBMITTER:</b>	COURTENAY C. BRINCKERHOFF
<b>SIGNATURE:</b>	/COURTENAY C. BRINCKERHOFF/
<b>DATE SIGNED:</b>	11/04/2021
<b>Total Attachments: 4</b> source=Redacted - Amended and Restated Inter-1 for filing as assignment#page1.tif source=Redacted - Amended and Restated Inter-1 for filing as assignment#page2.tif source=Redacted - Amended and Restated Inter-1 for filing as assignment#page3.tif source=Redacted - Amended and Restated Inter-1 for filing as assignment#page4.tif	

## **APPENDIX B: ASSIGNMENT OF PATENTS**

THIS ASSIGNMENT OF PATENTS ("AGREEMENT") is made and entered the date of last signature ("EFFECTIVE DATE"), by and between THE CURATORS OF THE UNIVERSITY OF MISSOURI, a public corporation of the State of Missouri, having an office at 115 Business Loop 70 West, Columbia Missouri 65211-8375 ("UNIVERSITY"), and The University of Louisville Research Foundation, Inc, as the agent of the University of Louisville ("UofL") for receiving grants and research agreements from external funding sources and which owns and controls intellectual property on behalf of UofL, with principal offices located at 300 E Market Street, Suite 300, Louisville, KY 40202 ("INSTITUTION"). UNIVERSITY and INSTITUTION may sometimes be referred to herein as a "PARTY" or "PARTIES" as the case may be.

WHEREAS, Haval Shirwan, Esmā Yolcu, and Kutlu Elpek (each an "INVENTOR" and collectively the "INVENTORS"), were or are employed by INSTITUTION and are named individually or collectively as joint inventors on: a) the patent applications set forth in Appendix A titled ("PATENT APPLICATIONS"); and b) the subject of UM Invention Disclosure Numbers 21UMC003, 21UMC008, 21UMC009 and 21UMC054; and c) the subject of INSTITUTION Case Numbers 6035, 15059, and 91001.

WHEREAS, the INVENTORS have assigned their rights in a parent application to the PATENT APPLICATIONS to INSTITUTION pursuant to assignments executed on or about the dates listed in Appendix A of the Inter-Institutional Agreement;

WHEREAS, the PARTIES are desirous of having the UNIVERSITY control the prosecution and licensing of the PATENT APPLICATIONS;

NOW, THEREFORE, in consideration of the foregoing premises and the covenants, representations and warranties contained herein, the PARTIES agree as follows:

1. Assignment. The PARTIES shall jointly own the PATENTS as defined herein. Therefore, subject to and conditioned upon the terms and conditions herein, INSTITUTION hereby assigns, transfers, and conveys to INSTITUTION and UNIVERSITY jointly an undivided interest all of INSTITUTION's right, title and interest in and to:

- (a) the invention disclosed in the PATENT APPLICATIONS;
- (b) all patents and patent applications that have been or may hereafter be filed which are based on the PATENT APPLICATIONS, including any provisional, non-provisional, divisional, continuation (but not any continuation-in-part), extension, renewal, re-examination, reissue, substitute, supplementary protection certificate, utility model, or similar legal protection based on the PATENT APPLICATION ("PATENTS");
- (c) the right to claim priority to any of the PATENT APPLICATIONS under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or laws of the country in which the PATENTS are filed, as may be applicable; and
- (d) all rights of action, powers, and benefits arising from ownership of the PATENTS, including the right to sue for past, present, and future infringement of the PATENTS, the

right to collect royalties, fees, damages, and payments now or hereafter due or payable with respect to the PATENTS, the right to seek injunctive relief based on the PATENTS, and the right to pursue all causes of action and all enforcement rights relating to the PATENTS, whether known or unknown, currently pending or otherwise.

The rights set forth in (a.) – (d.) above are referred to in this AGREEMENT as the “ASSIGNED RIGHTS.”

2. Further Assurances. Upon the reasonable request of either UNIVERSITY, INSTITUTION agrees to execute such documents and perform such acts as may be necessary to give full effect to the terms of this AGREEMENT, including, but not limited to, the execution of any assignment documents required, in the United States of America or in any international countries where this Invention is filed for legal protection, to record, vest or perfect the other UNIVERSITY’s undivided interest in the ASSIGNED RIGHTS.
3. Representations and Warranties. INSTITUTION represents to UNIVERSITY that:
  - (a) INSTITUTION has the full right and power to enter into and perform its obligations under this AGREEMENT, without being in breach of any obligations owed by INSTITUTION to a third party;
  - (b) The ASSIGNED RIGHTS are free and clear of any agreement, lien, charges, encumbrances, ownership claim, or other claim or right, either written, oral or implied, which will impair interfere or conflict with the rights herein assigned by INSTITUTION; and
  - (c) INSTITUTION has not assigned, transferred or otherwise conveyed, nor will INSTITUTION assign, transfer or otherwise convey, to any third party any right or license under or with respect to the ASSIGNED RIGHTS that is in conflict with this AGREEMENT.
  - (d) INSTITUTION has received all necessary consents and permissions in order to perform its obligations herein, including any needed from the National Institutes of Health;
4. Government Rights. It is understood that the United States Government (through any of its agencies or otherwise) has funded research, during the course of or under which any inventions of the PATENT APPLICATIONS were conceived or made, the United States Government is entitled, as a right, under the provisions of 35 U.S.C. §§ 200–212 and applicable regulations of Chapter 37 of the Code of Federal Regulations, to a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced the invention of such PATENT APPLICATIONS for governmental purposes. The PARTIES will ensure that all obligations under these provisions are met.
5. Binding Agreement. The provisions of this AGREEMENT are binding upon and will inure to the benefit of the Parties and their respective heirs, personal representatives, and successors.
6. Counterparts. This AGREEMENT may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute but one and the same instrument.

IN WITNESS WHEREOF, the PARTIES hereto have executed this AGREEMENT in duplicate originals by their duly authorized officers or representatives.

UNIVERSITY OF LOUISVILLE  
RESEARCH FOUNDATION, INC.

By: T. Allen Digitally signed  
Printed Name: T. Allen by T. Allen  
Morris  
Date: 2021.06.30  
16:27:24 -04'00'

Date: \_\_\_\_\_

THE CURATORS OF THE UNIVERSITY  
OF MISSOURI

By: Lisa Lorenzen DocuSigned by:  
Printed Name: Lisa Lorenzen 41F9D197A8019C22

Date: 7/1/2021

# APPENDIX A: INVENTION DISCLOSURES AND PATENT RIGHTS

<u>MU Disclosure #</u>	<u>UoL Disclosure #</u>	<u>Disclosure Title</u>	<u>UoL Submission Date</u>	<u>Country</u>	<u>Patent/Application No.</u>	<u>Filing Date</u>	<u>Assignment Date</u>
21UMC009	15059	Developing SA-FasL and SA-IL2 as biologics for the prevention and treatment of autoimmunity and graft rejection	2/18/2015	US	15/736,088	12/13/2017	January 21, 2016
				EP	16812560.7	1/17/2018	
21UMC008	6035	Immunostimulatory compositions and methods	11/11/2006	US	7,598,345	12/7/2006	February 28, 2007
				US	8,017,582	9/3/2009	
				US	9,079,976	9/7/2011	
21UMC054	91001	Fas ligand-avidin/streptavidin fusion proteins	Unknown	US	7,927,602	7/23/2002	October 29, 2002
21UMC003				US	8,076,096	6/25/2007	