

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARC ABRAMS	08/15/2017
SHANTHI GANESH	08/15/2017
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17036369
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NAME OF SUBMITTER:	SHULING LAU WILLIAMS
SIGNATURE:	/Shuling Lau Williams/
DATE SIGNED:	09/29/2020
Total Attachments: 3	
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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

COMPOSITIONS AND METHODS FOR THE TREATMENT OF A BETA-CATENIN-ASSOCIATED DISEASE OR DISORDER

described in international application **PCT/US2017/022510** filed **15 March 2017**, which claims priority to U.S. Provisional Application No. **62/309,449** filed **16 March 2016**, U.S. Provisional Application No. **62/318,529** filed **5 April 2016**, and U.S. Provisional Application No. **62/365,164** filed **21 July 2016**;

WHEREAS, **DICERNA PHARMACEUTICALS, INC.**, whose post office address is **87 Cambridgepark Drive, Cambridge, Massachusetts 02140, US** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, Provisional Application No. 62/309,449 filed 16 March 2016, Provisional Application No. 62/318,529 filed 5 April 2016, and Provisional Application No. 62/365,164 filed 21 July 2016, and this application, all national phase applications thereof, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything

possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY grant the law firm of MH2 Technology Law Group, LLP, the power to insert on this Assignment any further indication which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

IN WITNESS WHEREOF the Assignee has signed this Assignment and acknowledges receipt of all rights conveyed by this Assignment.

By: **DICERNA PHARMACEUTICALS, INC.,**

County of <u>Middlesex</u>)	By: <u>Bart W. Wise</u>
)	ss. Name: <u>Bart W. Wise</u>
)	Title: <u>Vice President, Intellectual Property</u>
State of <u>Massachusetts</u>	Date: _____

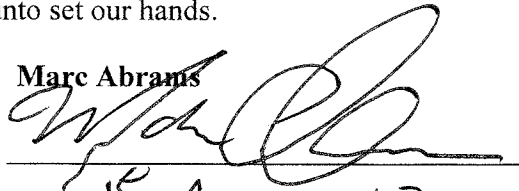
Subscribed and sworn to before me this 24 day of August, 2017

Jayne Daurer Notary Public

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of Middlesex)
)
)
State of MA)
)

Name: **Marc Abrams**



Date:

15 Aug 2017

Address: c/o Dicerna Pharmaceuticals, Inc.
87 Cambridgepark Drive,
Cambridge, MA 02140

Subscribed and sworn to before me this
Jayne Donnelly Notary Public
Jayne Donnelly

15 day of August, 2017

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of Middlesex)
)
)
State of MA)
)

Name: **Shanthi Ganesh**



Date:

Aug. 15, 2017

Address: c/o Dicerna Pharmaceuticals, Inc.
87 Cambridgepark Drive,
Cambridge, MA 02140

Subscribed and sworn to before me this
Jayne Donnelly Notary Public
Jayne Donnelly

15 day of August, 2017