

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6268192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RUI ZHU	07/23/2020
RECEIVING PARTY DATA	
Name:	ARROWHEAD PHARMACEUTICALS, INC.
Street Address:	177 EAST COLORADO BLVD.
Internal Address:	SUITE 700
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16759610
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	6083163984
Email:	patents@arrowheadpharma.com
Correspondent Name:	ROBERT M. TEIGEN
Address Line 1:	502 S. ROSA ROAD
Address Line 4:	MADISON, WISCONSIN 53719
ATTORNEY DOCKET NUMBER:	30661-US1
NAME OF SUBMITTER:	ROBERT M. TEIGEN
SIGNATURE:	/Robert M. Teigen/
DATE SIGNED:	08/26/2020
Total Attachments: 6	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Zhen Li, of Westfield, New Jersey; Xiaokai Li, of Middleton, Wisconsin; Erik W. Bush, of Verona, Wisconsin; Rui Zhu, of San Diego, California; Dongxu Shu, of Madison, Wisconsin; Jonathan Benson, of Stoughton, Wisconsin; Patrick Shao, of Fanwood, New Jersey; and Matthew Fowler-Watters, of Madison, Wisconsin, hereby assign to: ARROWHEAD PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business located at 177 East Colorado Boulevard, Suite 700, Pasadena, California, 91105; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "**INTEGRIN LIGANDS AND USES THEREOF**," filed on April 27, 2020, and assigned U.S. Serial Number 16/759,610; this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, 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 this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and

we 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

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____, this _____ day of _____, 2020.

Zhen Li

State of _____)
County of _____)

Before me this _____ day of _____, 2020, personally appeared Zhen Li known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this
_____ day of _____, 2020.

Xiaokai Li

State of Wisconsin)
County of Dane)

Before me this _____ day of _____, 2020, personally appeared Xiaokai Li known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

_____ day of _____, 2020.

Erik W. Bush

State of Wisconsin)
County of Dane)

Before me this _____ day of _____, 2020, personally appeared Erik W. Bush known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego.

CA, this 23 day of July, 2020.

R Zhu

Rui Zhu

State of _____)
County of _____)

Before me this _____ day of _____, 2020, personally appeared Rui Zhu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

My Commission Expires:

Please see attachment

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

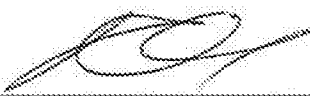
State of California
County of San Diego

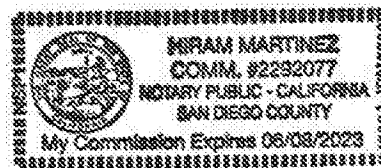
On July 23rd, 2020 before me, Hiram Martinez, Notary Public
(insert name and title of the officer)

personally appeared Rui Zhu
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

_____ day of _____, 2020.

Dongxu Shu

State of Wisconsin
County of Dane

Before me this _____ day of _____, 2020, personally appeared Dongxu Shu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

_____ day of _____, 2020.

Jonathan Benson

State of Wisconsin
County of Dane

Before me this _____ day of _____, 2020, personally appeared Jonathan Benson known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

_____ day of _____, 2020.

Patrick Shao

State of _____)
County of _____)

Before me this _____ day of _____, 2020, personally appeared Patrick Shao known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public
My Commission Expires: _____

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

_____ day of _____, 2020.

Matthew Fowler-Watters

State of Wisconsin)
County of Dane)

Before me this _____ day of _____, 2020, personally appeared Matthew Fowler-Watters known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Caroline A. Christian
My Commission Expires: 11/22/2022