

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM588232

SUBMISSION TYPE:	RESUBMISSION		
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
RESUBMIT DOCUMENT ID:	900544778		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Ionis Pharmaceuticals, Inc.		03/11/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Akcea Therapeutics, Inc.		
Street Address:	55 Cambridge Parkway		
City:	Cambridge		
State/Country:	MASSACHUSETTS		
Postal Code:	02142		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 6			
Property Type	Number	Word Mark	
Serial Number:	86480614	AKCEA THERAPEUTICS	
Serial Number:	86480621	AKCEA THERAPEUTICS	
Serial Number:	86518358	AKCEA THERAPEUTICS	
Serial Number:	86518362	AKCEA THERAPEUTICS	
Serial Number:	87608910	TEGSEDI	
Serial Number:	87678921		
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>			
Email:	trademarks@cooley.com		
Correspondent Name:	Brian J. Focarino of Cooley LLP		
Address Line 1:	1299 Pennsylvania Ave NW STE 700		
Address Line 4:	Washington, D.C. 20004		
ATTORNEY DOCKET NUMBER:	097721-121		
NAME OF SUBMITTER:	Drue Anne Koons		
SIGNATURE:	/Drue Anne Koons/		
DATE SIGNED:	07/23/2020		

Total Attachments: 6

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TRADEMARK ASSIGNMENT AGREEMENT

This TRADEMARK ASSIGNMENT AGREEMENT ("Assignment") is made effective as of the date last signed below by and between **IONIS PHARMACEUTICALS, INC.**, a Delaware corporation ("Assignor") with its principal place of business at 2855 Gazelle Court, Carlsbad, CA 92010, to **AKCEA THERAPEUTICS, INC.**, a Delaware corporation with its principal place of business at 55 Cambridge Parkway, Cambridge, Massachusetts 02142 ("Assignee").

WHEREAS, Assignor is the owner of certain trademark filings in the trademarks referenced in Exhibit A (collectively, the "Marks") and owns all right, title, and interest in, to, and under all registrations for the Marks, as well as all common law trademark rights and goodwill inherent in the Marks.

WHEREAS, Assignee desires to own, and Assignor desires to assign to Assignee, Assignor's entire right, title and interest in and to the Marks and all accompanying goodwill in the Marks.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

1. Assignor hereby assigns and transfers to Assignee, its successors and assigns, all its right, title and interest in and to the Marks, including all common law rights in the United States and all other countries and jurisdictions of the world, together with the goodwill of the business symbolized by the Marks, and all intellectual property rights to which the Marks pertain.

2. Assignor hereby assigns to Assignee all causes of action, claims and rights to damages or profits, due or accrued, arising out of past infringement of the Marks, or injury to the goodwill associated with the Mark, as well as the rights to sue for and recover the Marks in Assignee's own name.

3. Assignor represents and warrants that it will cooperate in any actions necessary for Assignee to prosecute, renew or register its rights, title and interests in and to the Marks and any related trademark application and registration, and to cooperate in any actions brought to enforce the rights accompanying this Assignment against third parties.

SIGNATURE PAGE FOLLOWS.

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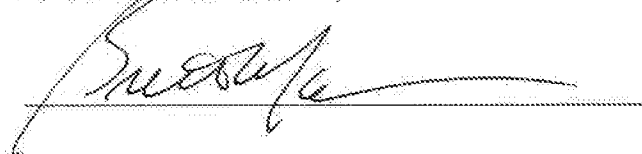
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IN WITNESS WHEREOF, Assignor and Assignee have each caused this Trademark Assignment Agreement to be duly executed and delivered as of the date last signed below.

ASSIGNOR:

IONIS PHARMACEUTICALS, INC.

By:



Print Name: Brett P. Monia

Title: Chief Executive Officer

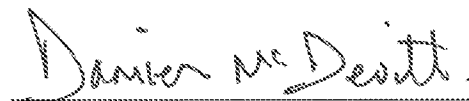
Date:

03/11/2020

ASSIGNEE:

AKCEA THERAPEUTICS, INC.

By:



Print Name:

Damien McDevitt

Title:

Interim Chief Executive Officer

Date:

03/12/2020

Exhibit A





Mark	Country	App. No.	App. Date	Reg. No.	Reg. Date	Classes	Status
AKCEA THERAPEUTICS	Australia	1699701	6/12/2015	1699701	9/25/2015	05, 42	Registered
AKCEA THERAPEUTICS	Brazil	909517304	6/12/2015	909517304	10/24/2017	05	Registered
AKCEA THERAPEUTICS	Brazil	909517363	6/12/2015	909517363	11/27/2018	42	Registered
AKCEA THERAPEUTICS	Canada	1732744	6/12/2015			N/A	Allowed
AKCEA THERAPEUTICS	European Union	014248082	6/12/2015	014248082	10/13/2015	05, 41, 42	Registered
AKCEA THERAPEUTICS	Japan	2015- 56127	6/12/2015	5823786	2/5/2016	05, 42	Registered
AKCEA THERAPEUTICS	United States	86480614	12/15/2014	5561325	9/11/2018	05	Registered
AKCEA THERAPEUTICS	United States	86480621	12/15/2014	5561326	9/11/2018	42	Registered
AKCEA THERAPEUTICS (Stylized) 	United States	86518358	1/29/2015	5561346	9/11/2018	05	Registered
AKCEA THERAPEUTICS (Stylized) 	United States	86518362	1/29/2015	5561347	9/11/2018	42	Registered

Exhibit A (Cont'd)

Mark	Country	App. No.	App. Date	Reg. No.	Reg. Date	Classes	Status
TEGSEDI	Argentina	3691387	3/13/2018	3008001	9/4/2019	05	Registered
TEGSEDI	Australia	1913239	3/14/2018	1913239	7/4/2018	05	Registered
TEGSEDI	Brazil	914323229	3/13/2018	914323229	3/26/2019	05	Registered
TEGSEDI	Bulgaria	A149917	3/14/2018	103276	10/5/2018	05	Registered
TEGSEDI	Canada	1887974	3/14/2018			05	Pending
TEGSEDI	Chile	1282370	3/13/2018	1283496	9/24/2018	05	Registered
TEGSEDI	China	29584211	3/14/2018	29584211	1/21/2019	05	Registered
TEGSEDI	Colombia	SD2018/00198 47	3/13/2018	607213	11/6/2018	05	Registered
TEGSEDI	Costa Rica	2018-2228	3/13/2018	275984	12/20/2018	05	Registered
TEGSEDI	European Union	017224742	9/19/2017	017224742	1/11/2018	05	Registered
Tegsedi Swish Design 	European Union	017452319	11/10/2017	017452319	2/22/2018	05	Registered
TEGSEDI	Guatemala	2018-2301	3/14/2018	238721	12/6/2018	05	Registered
TEGSEDI	Hong Kong	304457377	3/13/2018	304457377	7/19/2018	05	Registered
TEGSEDI	India	3777953	3/14/2018	3777953	12/28/2018	05	Registered
TEGSEDI	Japan	2018-30318	3/14/2018	6054920	6/22/2018	05	Registered
TEGSEDI	Malaysia	2018002934	3/14/2018	201800293 4	11/1/2018	05	Registered
TEGSEDI	Mexico	2022620	3/14/2018	1890270	5/29/2018	05	Registered
TEGSEDI	Panama	264701-01	3/14/2018	264701	11/22/2018	05	Registered
TEGSEDI	Republic of Korea	40-2018- 0033259	3/14/2018	40- 1452435	2/28/2019	05	Registered
TEGSEDI	Singapore	40201804814	3/14/2018	402018048 14	9/28/2018	05	Registered
TEGSEDI	South Africa	2018/07012	3/14/2018	2018/0701 2	10/10/2019	05	Registered
TEGSEDI	Taiwan	107015299	3/13/2018	1941296	10/1/2018	05	Registered
TEGSEDI	Turkey	2018/24783	3/13/2018	2018 24783	8/6/2018	05	Registered
TEGSEDI	United States	87/608,910	9/14/2017	5,740,635	4/30/2019	05	Registered
Tegsedi Swish Design 	United States	87/678,921	11/9/2017	5,740,764	4/30/2019	05	Registered

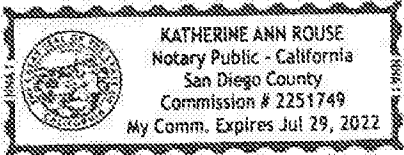
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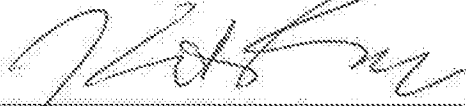
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
)
County of San Diego) ss.

On March 11, 2020 before me, Katherine Rouse, Notary Public, personally appeared **Brett P. Monia**, who is 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.


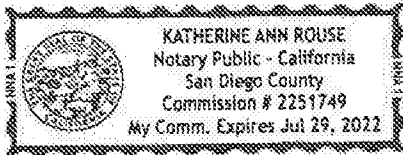
Signature of Notary

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)
) ss.
County of San Diego)

On March 12, 2020 before me, Katherine Rouse, Notary Public, personally appeared Damien McDevitt, who is 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 of Notary