

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4008900

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAWN LAWRENCE	07/12/2016
MICHELLE LAFOND	07/12/2016
ANN KIM	07/12/2016
AMY S. JOHNSON	07/07/2016
BRANDON VERES	07/08/2016
MARK CZETERKO	07/12/2016
KRISTEN WHALEN	07/11/2016
RECEIVING PARTY DATA	
Name:	REGENERON PHARMACEUTICALS, INC.
Street Address:	777 OLD SAW MILL RIVER ROAD
City:	TARRYTOWN
State/Country:	NEW YORK
Postal Code:	10591-6707
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15130611
CORRESPONDENCE DATA	
Fax Number:	(914)847-7705
<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:	9148471525
Email:	patents@regeneron.com
Correspondent Name:	REGENERON PHARMACEUTICALS, INC.
Address Line 1:	777 OLD SAW MILL RIVER ROAD
Address Line 2:	PATENT DEPARTMENT
Address Line 4:	TARRYTOWN, NEW YORK 10591
ATTORNEY DOCKET NUMBER:	9900US02
NAME OF SUBMITTER:	PATRICK FITZGERALD
SIGNATURE:	/Patrick Fitzgerald/
DATE SIGNED:	08/16/2016

PATENT

Total Attachments: 6

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ASSIGNMENT

WHEREAS, WE, Shawn LAWRENCE, residing at 371 Kings Highway, Valley Cottage, New York 10989, a citizen of the United States of America, **Michelle LAFOND**, residing at 4 Club Court, Pleasantville, New York 10570, a citizen of the United States of America, **Ann KIM**, residing at 300 Mamaroneck Avenue, #434, White Plains, New York 10605, a citizen of the United States of America, **Amy S. JOHNSON**, residing at 953 Long Hill Road W, Briarcliff Manor, New York 10510, a citizen of the United States of America, **Brandon VERES**, residing at 55 N Broadway 2-6, White Plains, New York 10601, a citizen of the United States of America, **Mark CZETERKO**, residing at 40 Elmer Street, Stamford, Connecticut 06907, a citizen of the United States of America and **Kristen WHALEN**, residing at 1033 Havenridge Lane NE, Brookhaven, Georgia 30319, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

"METABOLICALLY OPTIMIZED CELL CULTURE"

Serial No. 15/130,611; filed April 15, 2016

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to

file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: 12 Jul 2016


Shawn LAWRENCE

Date: 12 Jul 2016


Michelle LAFOND

Date: 12 Jul 2016


Ann KIM

Date: 07 Jul 2016


Amy S. JOHNSON

Date: 08 Jul 2016


Brandon VERES

Date: 12 Jul 2016


Mark CZETERKO

Date: _____

Kristen WHALEN

ASSIGNMENT

WHEREAS, **WE**, **Shawn LAWRENCE**, residing at 371 Kings Highway, Valley Cottage, New York 10989, a citizen of the United States of America, **Michelle LAFOND**, residing at 4 Club Court, Pleasantville, New York 10570, a citizen of the United States of America, **Ann KIM**, residing at 300 Mamaroneck Avenue, #434, White Plains, New York 10605, a citizen of the United States of America, **Amy S. JOHNSON**, residing at 953 Long Hill Road W, Briarcliff Manor, New York 10510, a citizen of the United States of America, **Brandon VERES**, residing at 55 N Broadway 2-6, White Plains, New York 10601, a citizen of the United States of America, **Mark CZETERKO**, residing at 40 Elmer Street, Stamford, Connecticut 06907, a citizen of the United States of America and **Kristen WHALEN**, residing at 1033 Havenridge Lane NE, Brookhaven, Georgia 30319, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, **WE**, said **ASSIGNORS**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said **ASSIGNEE**, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to

file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire interest hereinafter assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: _____

Shawn LAWRENCE

Date: _____

Michelle LAFOND

Date: _____

Ann KIM

Date: _____

Amy S. JOHNSON

Date: _____

Brandon VERES

Date: _____

Mark CZETERKO

Date: 7/11/16

Kristen Whalen
Kristen WHALEN