

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sarah Rue</td> <td>01/21/2011</td> </tr> <tr> <td>Steven B. Cohen</td> <td>01/21/2011</td> </tr> <tr> <td>Jun Li</td> <td>01/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Sarah Rue	01/21/2011	Steven B. Cohen	01/21/2011	Jun Li	01/21/2011		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>IRM LLC, a Delaware Limited Liability Corporation</td> </tr> <tr> <td>Street Address:</td> <td>131 Front Street</td> </tr> <tr> <td>City:</td> <td>Hamilton</td> </tr> <tr> <td>State/Country:</td> <td>BERMUDA</td> </tr> <tr> <td>Postal Code:</td> <td>HM LX</td> </tr> </table>		Name:	IRM LLC, a Delaware Limited Liability Corporation	Street Address:	131 Front Street	City:	Hamilton	State/Country:	BERMUDA	Postal Code:	HM LX
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PROPERTY NUMBERS Total: 3											
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CORRESPONDENCE DATA											
<p>Fax Number: (858)658-8000</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-812-1547</p> <p>Email: IPLegal@gnf.org</p> <p>Correspondent Name: GENOMICS INSTITUTE OF THE NOVARTIS RESEA</p> <p>Address Line 1: 10675 JOHN JAY HOPKINS DRIVE</p> <p>Address Line 4: SAN DIEGO, CALIFORNIA 92121-1127</p>											
ATTORNEY DOCKET NUMBER:	PAT053967-US-NP										
NAME OF SUBMITTER:	Timothy L. Smith, J.D., Ph.D.										

CH \$120.00 12965743

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PATENT
REEL: 025844 FRAME: 0276

Total Attachments: 5

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(joint)

Patent Case PAT053967

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we

(1) Sarah Rue; (2) Steve B. Cohen; and (3) Jun Li, respectively residing at

(1) San Diego, California 92130, US,

(2) San Diego, California 92130, US,

(3) San Diego, California 92126, US and

do hereby sell, assign and transfer to IRM LLC, a Delaware limited liability company organized under the laws of the United States of America, residing at 131 Front Street, Hamilton, HM LX, Bermuda, (hereinafter referred to as the "**ASSIGNEE**") and its successors, assigns and legal representatives, all of my right, title and interest for all countries of the world in and to (1) all of my inventions and discoveries described in the patent application(s) titled

PCSK9 ANTAGONISTS

and filed in the United States Patent and Trademark Office on December 10, 2010, and accorded Application Number 12/965,743 and/or filed in the RO/US on December 10, 2010 and accorded International Patent Application Number PCT/US2010/059959*, (2) the patent application(s) identified in (1), (3) all national stages of any international patent application identified in (1), (4) all other patent applications in all countries and regions claiming the priority of the provisional or non-provisional patent applications filed in the United States Patent and Trademark Office on December 11, 2009 and accorded Application Number 61/285,942 (5) for all patent applications, all rights of priority based upon the United States patent application identified in (4) in all countries and regions under the Paris Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs, and Industrial Models and all other international agreements to which the United States now is or hereafter becomes a signatory and, if the United States patent application identified in (4) is a provisional patent application, under 35 USC 119(e) (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE** or their designees or in our names, at their election and in accordance with applicable law in all countries and regions), (6) all continuations and divisions of any United States patent application or international patent application designating the United States identified in (1), any national stages of any international application identified in (1) and any patent applications within the scope of (4) (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(4) and (6) hereinafter referred to collectively as "patent applications"), (7) all patents that are granted on any of said patent applications, (8) all registrations and confirmations of, and importation certificates based upon, one or more of said patents and applications for such registrations, confirmations and importation certificates and (9) all reissues, renewals and extensions of said patents, registrations, confirmations and importation certificates, reexamination certificates issued for said patents and supplementary protection certificates based upon said patents and applications for such reissues, renewals, extensions, reexamination certificates and supplementary protection certificates, the same to be held and enjoyed by said **ASSIGNEE** and their successors, assigns and legal representatives to the full ends of the terms for which said patents, registrations, confirmations, importation certificates, reexamination certificates, supplementary protection certificates, reissues, renewals and extensions may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this Assignment the filing date(s) and Application Number(s) of said patent application(s) when notified thereof.

And we hereby covenant and agree that we will, at any time, (i) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates, supplementary protection certificates and applications within the scope of (8) and (9) in **ASSIGNEE** or their successors, assigns or legal representatives, including the execution and procurement

of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, (ii) upon the request, but at the expense, of **ASSIGNEE** or their successors, assigns or legal representatives execute all additional patent applications within the scope of (3), (4) and (6) and all applications within the scope of (8) or (9) and (iii) make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE** or their successors, assigns or legal representatives.

This Assignment is effective as from the earliest priority date as stated above.

Executed this 21 day of January, 2011.

Sarah R L.S.
Sarah Rue

ACKNOWLEDGEMENT

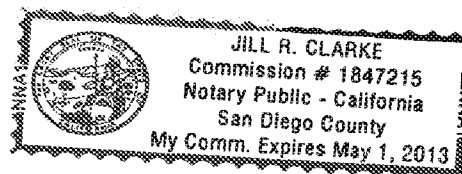
State of California)
) s.s.:
County of San Diego)

On January 21, 2011 before me, Jill R. Clarke, Notary Public, personally appeared **Sarah Rue** 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 Jill R. Clarke (Seal)



Executed this 21 day of JAN, 2011.

Steve B. Cohen L.S.
Steve B. Cohen

ACKNOWLEDGEMENT

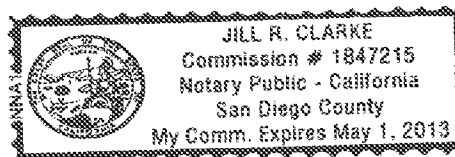
State of California)
) s.s.:
County of San Diego)

On Jan 21, 2011 before me, Jill R. Clarke, Notary Public, personally appeared **Steve B. Cohen** 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 Jill R. Clarke (Seal)



Executed this 21 day of January, 2011.

[Signature] L.S.
Jun Li

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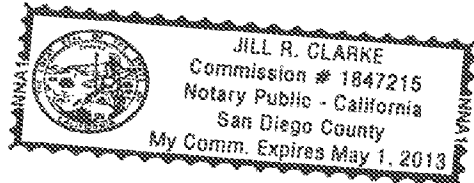
State of California)
) s.s.:
County of San Diego)

On January 21, 2011 before me, Jill R. Clarke, Notary Public, personally appeared Jun Li 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.

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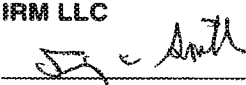
WITNESS my hand and official seal.

Signature [Signature] (Seal)



ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **IRM LLC** of an invention entitled "**PCSK9 ANTAGONISTS**" signed by Sarah Rue, Steve B. Cohen, and Jun Li, this will certify that **IRM LLC** accepts such Assignment.

By : IRM LLC

Name : Timothy L. Smith, J.D., Ph.D.
Function : Authorized Signatory
and Power of Attorney on behalf of IRM LLC
Date: 27 January 2011