

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard J. Armitage</td> <td>09/24/2010</td> </tr> <tr> <td>Jose Carlos Escobar</td> <td>09/30/2010</td> </tr> <tr> <td>Arvia E. Morris</td> <td>09/24/2010</td> </tr> <tr> <td>John D. Pluenneke</td> <td>08/07/2001</td> </tr> </tbody> </table>		Name	Execution Date	Richard J. Armitage	09/24/2010	Jose Carlos Escobar	09/30/2010	Arvia E. Morris	09/24/2010	John D. Pluenneke	08/07/2001
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Richard J. Armitage	09/24/2010										
Jose Carlos Escobar	09/30/2010										
Arvia E. Morris	09/24/2010										
John D. Pluenneke	08/07/2001										
RECEIVING PARTY DATA											
Name:	Immunex Corporation										
Street Address:	One Amgen Center Drive										
City:	Thousand Oaks										
State/Country:	CALIFORNIA										
Postal Code:	91320-1799										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12829231</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12829231						
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Application Number:	12829231										
CORRESPONDENCE DATA											
Fax Number:	2062330644										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	jcho@amgen.com										
Correspondent Name:	Jae Cho										
Address Line 1:	1201 Amgen Court West										
Address Line 4:	Seattle, WASHINGTON 98119										
ATTORNEY DOCKET NUMBER:	3005-US-CNT3										
NAME OF SUBMITTER:	Jae Cho										
Signature:	/Jae Cho/										

Date:

05/31/2013

Total Attachments: 5

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ASSIGNMENT

Whereas, we, Richard J. Armitage, residing at 5840 Packard Lane, Bainbridge Island, WA 98110;  
Jose Carlos Escobar, residing at 1707 East Beaverlake Drive SE, Sammamish, WA 98075; and  
Arvia E. Morris, residing at 4535 Thackeray Place NE, Seattle, WA 98105.

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

USE OF INTERLEUKIN-4 ANTAGONISTS AND COMPOSITIONS THEREOF

which is found in:

- (a) the US Patent Application executed on even date herewith.
- (b) the US Patent Application executed on \_\_\_\_\_.
- (c) US Application Serial No.: 12/829,231 filed on July 1, 2010 which claims the benefit of U.S. Patent Application Serial No. 09/847,816 filed May 1, 2001.
- (d) US Patent No.: \_\_\_\_\_.

Whereas IMMUNEX CORPORATION, a Washington corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799 wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto IMMUNEX CORPORATION, its successors and assigns (collectively "IMMUNEX") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by IMMUNEX for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we hereby sell, assign, transfer, and set over unto IMMUNEX our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by IMMUNEX, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to IMMUNEX to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to IMMUNEX as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with IMMUNEX that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with IMMUNEX that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to IMMUNEX any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for IMMUNEX, may be necessary or desirable to secure the grant of Letters Patent to IMMUNEX or its nominees, in the United States and in all other countries where IMMUNEX may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for IMMUNEX and to vest and confirm in IMMUNEX or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of IMMUNEX.

In Witness Whereof I have executed this assignment on the 24 day of September, 2010

Richard J. Armitage  
(Name of Inventor)

[Signature]  
(Signature of Inventor)

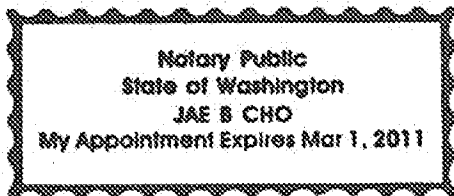
**UNITED STATES OF AMERICA**

State of WASHINGTON }  
County of King } ss:

I certify that I know or have satisfactory evidence that Richard J. Armitage is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: SEPTEMBER 24, 2010

[Signature]  
Notary Public: Jae Cho  
My commission expires  
March 1, 2011



In Witness Whereof I have executed this assignment on the 30<sup>th</sup> day of September, 2010

Jose Carlos Escobar  
(Name of Inventor)

*Jose Carlos Escobar*  
(Signature of Inventor)

**UNITED STATES OF AMERICA**

State of WASHINGTON }  
County of King } ss:

I certify that I know or have satisfactory evidence that Jose Carlos Escobar is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 9-30-10

*Nell M Engel*

Notary Public

My commission expires

Nov 9<sup>th</sup> 2012



In Witness Whereof I have executed this assignment on the 24<sup>th</sup> day of September, 2010

Arvia E. Morris  
(Name of Inventor)

Arvia Morris  
(Signature of Inventor)

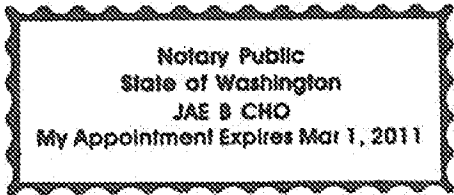
**UNITED STATES OF AMERICA**

State of WASHINGTON }  
County of King } ss:

I certify that I know or have satisfactory evidence that Arvia E. Morris is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: SEPTEMBER 24, 2010

[Signature]  
Notary Public: Jae Cho  
My commission expires  
March 1, 2011



ASSIGNMENT

WHEREAS, I, John D. Pluenneke, residing at Parkville, Missouri, have made an invention entitled "USE OF INTERLEUKIN-4 ANTAGONISTS AND COMPOSITIONS THEREOF," for which U.S. Patent Application Serial No. 09/847,816 was filed on May 1, 2001;

AND, WHEREAS, IMMUNEX CORPORATION, a corporation of the State of Washington, having a principal place of business at 51 University Street, Seattle, Washington 98101 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right and title to and interest in the invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto said ASSIGNEE my entire right and title to and interest in said application and said invention(s) and all U.S. and foreign applications and patents on said invention(s) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by me had this sale, assignment, and transfer not been made, and I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention(s), to enforce any and all patents on said invention(s), and to confirm in ASSIGNEE legal title to said invention(s) and all applications and patents on said invention(s), all without charge to ASSIGNEE but at no expense to me.

Executed at Kansas City, MO, this 7 day of August, 2001.

[Signature]  
John D. Pluenneke

STATE OF Missouri)  
COUNTY OF Platte) ss.

On this 7 day of August, 2001, personally appeared before me John D. Pluenneke, to me known to be the individual named above who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.



[Signature]  
Signature  
Print Name: Lorene A Buchman  
Notary Public in and for the State of Missouri  
My appointment expires OCT 19 2001

cf053103 7/18/01 **LORENE A. BUCHMAN**  
Notary Public - State of Missouri  
PLATTE COUNTY  
My Commission Expires Oct. 19, 2001

PATENT