

## 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>Angelique A. C. Lemckert</td> <td>09/07/2011</td> </tr> <tr> <td>Katarina Radosevic</td> <td>09/07/2011</td> </tr> <tr> <td>Ariane Rodriguez Munoz</td> <td>09/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	Angelique A. C. Lemckert	09/07/2011	Katarina Radosevic	09/07/2011	Ariane Rodriguez Munoz	09/07/2011
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Angelique A. C. Lemckert	09/07/2011								
Katarina Radosevic	09/07/2011								
Ariane Rodriguez Munoz	09/07/2011								
RECEIVING PARTY DATA									
Name:	Crucell Holland B.V.								
Street Address:	Archimedesweg 4								
City:	Leiden								
State/Country:	NETHERLANDS								
Postal Code:	2333 CN								
PROPERTY NUMBERS Total: 2									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61404156</td> </tr> <tr> <td>PCT Number:</td> <td>EP2011065434</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61404156	PCT Number:	EP2011065434		
Property Type	Number								
Application Number:	61404156								
PCT Number:	EP2011065434								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	801-532-1922								
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ATTORNEY DOCKET NUMBER:	2578-P10215.1US								
NAME OF SUBMITTER:	Allen C. Turner								
Total Attachments: 3 source=Assignment102151US#page1.tif source=Assignment102151US#page2.tif source=Assignment102151US#page3.tif									

OP \$80.00 61404156

## ASSIGNMENT

In consideration of One U.S. Dollar (\$ 1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned (hereinafter called "Assignor"),

RODRIGUEZ MUNOZ, Ariane, Herenstraat 19, 2313 AD Leiden, the Netherlands  
 RADOŠEVIĆ, Katarina, Fellowshiplaan 29, 2631 ML Nootdorp, the Netherlands  
 LEMCKERT, Angelique A.C., Jan van Goyenplantsoen 27, 2251 JB Voorschoten, the Netherlands

heraby sell, assign and transfer all rights accruing from the International Patent Applications (hereinafter called "International Applications"):

International Patent Application Serial No.: PCT/EP2011/065434

Filed: 7 September 2011

As Attorney Docket No.: 0184 WO 00 ORD

Title: Heterologous prime boost vaccination regimen against malaria

and all priority rights accruing from Patent Applications:

Application number: EP 10 180 251.0 Filing date: 27 September 2010

Application number: US 61/404,156 Filing date: 27 September 2010

which priority rights were claimed in the International Applications

to Crucell Holland B.V., a corporation organized and existing under the laws of The Netherlands, having a place of business at Archimedesweg 4, Leiden, 2333 CN, The Netherlands (hereinafter called the "Assignee"), its successors, assigns and legal representatives,

"ALL RIGHTS ACCRUING FROM THE INTERNATIONAL PATENT APPLICATIONS" include, *inter alia*, any and all inventions disclosed in the International Applications, and any and all improvements of these inventions, and all priority rights of the International Applications, and any and all International, Regional and National Patent Applications (hereinafter called the "Applications") which have been or will be filed in the United States and all foreign countries on any of said inventions and improvements, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted for and on the International Applications and the Applications (hereinafter called the "Patents"), and any and all divisions, continuations, and continuations-in-part of the International Applications and the Applications, or reissues or extensions of the International Applications and the Applications or Patents, and all rights under International Convention for the Protection of Industrial Property, and the full exclusive benefits thereof, and all rights, privileges and

advantages appertaining thereto, including any and all rights to damages, profits or recoveries of any nature for past infringement of said Patents, and the payment of any and all maintenance fees, taxes, and the like.

ASSIGNOR hereby covenants that Assignor has full right to convey the entire interest herein being assigned or represents that Assignor has not executed and will not execute any agreement inconsistent with this Assignment or to the detriment of the patents, applications, inventions, and improvements being assigned hereby.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, Assignor has good and full right and lawful authority to sell and convey all rights accruing from the International Applications in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceedings in connection with said inventions, or that any division, continuation or continuation-in-part of any patent, to be obtained therein, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Patents for said inventions, without charge to Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns.

Date 2 September 2011

Assignor: RODRIGUEZ-MUNOZ, Ariane Witnessed by:

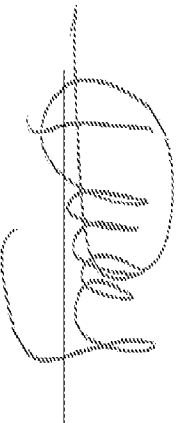


Melanie Custers-van Spronsen

Date 2 September 2011

Assignor: RADOŠEVIĆ, Katarina

Witnessed by:

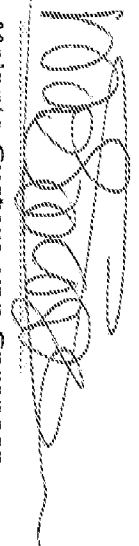
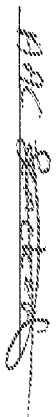


Melanie Custers-van Spronsen

Date 7 September 2011

Assignor: LEMCKERT, Angelique A.C.

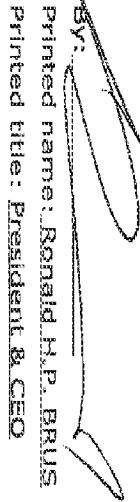
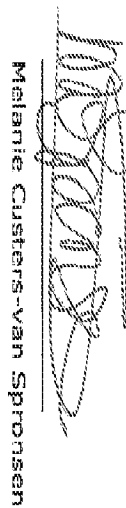
Witnessed by:

  
Melanie Custers-van Spronsen

Date 7 September 2011

Assignee: Cruceal Holland B.V.

Witnessed by:

  
BY: \_\_\_\_\_  
Printed name: Ronald H.P. BRUS  
Printed title: President & CEO  
Melanie Custers-van Spronsen