

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Kun Guo</td> <td>04/29/1999</td> </tr> <tr> <td>Marco F. Pagnoni</td> <td>04/29/1999</td> </tr> <tr> <td>Kenneth L. Clark</td> <td>04/29/1999</td> </tr> <tr> <td>Yuri D. Ivashchenko</td> <td>04/29/1999</td> </tr> </tbody> </table>		Name	Execution Date	Kun Guo	04/29/1999	Marco F. Pagnoni	04/29/1999	Kenneth L. Clark	04/29/1999	Yuri D. Ivashchenko	04/29/1999
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Rhone-Poulenc Rorer Pharmaceuticals Inc.</td> </tr> <tr> <td>Street Address:</td> <td>500 Arcola Road</td> </tr> <tr> <td>City:</td> <td>Collegeville</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19426</td> </tr> </table>		Name:	Rhone-Poulenc Rorer Pharmaceuticals Inc.	Street Address:	500 Arcola Road	City:	Collegeville	State/Country:	PENNSYLVANIA	Postal Code:	19426
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (908)231-2626</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 908-231-4757</p> <p>Email: linda.remer@sanofi-aventis.com</p> <p>Correspondent Name: Ann Marie Szczepanik</p> <p>Address Line 1: 1041 Route 202-206</p> <p>Address Line 2: BW D-303A</p> <p>Address Line 4: Bridgewater, NEW JERSEY 08807</p>											
ATTORNEY DOCKET NUMBER:	USA3278 US DIV 1										
NAME OF SUBMITTER:	Linda J. Remer										
Total Attachments: 2											

CH \$40.00 11063691

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**PATENT**  
**REEL: 023643 FRAME: 0327**

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**ASSIGNMENT AND AGREEMENT**

For value received and intending to be legally bound, we, the undersigned joint inventors (Assignor(s)), sell, assign and transfer to RHÔNE-POULENC RORER PHARMACEUTICALS, INC. (Assignee), 500 Arcola Road, Collegeville, Pennsylvania, and its successors, assigns and legal representatives, the entire right, title and interest in and to our invention and any improvements thereon for all countries of the world, relating in and to the application for United States Letters Patent therefor, assigned Attorney Docket No. A3278-US and (if filed prior to the execution hereof) filed on March 19, 1999, as Serial No. 60,125,108, entitled

**AKT NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF**

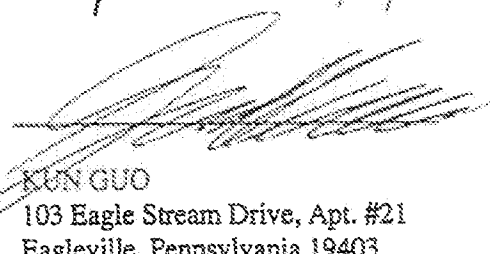
and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and governmental exclusivity rights of the same.

We authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Collegeville/PA/USA on this 29<sup>th</sup> day of April, 1999.  
(City, State and Nation)

Signature: 

Inventor's Name:

KUN GUO

Residential Address:

103 Eagle Stream Drive, Apt. #21  
Eagleville, Pennsylvania 19403  
U.S.A.

Signed at Collegeville/PA/US on this 29 day of April, 1999.  
(City, State and Nation)

Signature: Marco F. Pagnoni

Inventor's Name: MARCO F. PAGNONI  
Residential Address: 2029 Sterigere Street  
Norristown, Pennsylvania 19403  
U.S.A.

Signed at Collegeville/PA/US on this 29th day of April, 1999.  
(City, State and Nation)

Signature: Kenneth L. Clark

Inventor's Name: KENNETH L. CLARK  
Residential Address: 1235 Roberts Road  
Gilbertsville, Pennsylvania 19525  
U.S.A.

Signed at Collegeville/PA/US on this 29 day of April, 1999.  
(City, State and Nation)

Signature: Yuri D. Ivashchenko

Inventor's Name: YURI D. IVASHCHENKO  
Residential Address: 11 Hampton Court  
Norristown, Pennsylvania 19403  
U.S.A.