

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Anne Gondran</td><td>07/12/2004</td></tr><tr><td>Patricia LaCroix</td><td>08/09/2004</td></tr></tbody></table>	Name	Execution Date	Anne Gondran	07/12/2004	Patricia LaCroix	08/09/2004	
Name	Execution Date						
Anne Gondran	07/12/2004						
Patricia LaCroix	08/09/2004						
RECEIVING PARTY DATA							
Name:	Aventis Pharma S.A.						
Street Address:	20, Avenue Raymond Aron						
City:	Antony Cedex						
State/Country:	FRANCE						
Postal Code:	92165						
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>10680860</td></tr></tbody></table>	Property Type	Number	Application Number:	10680860			
Property Type	Number						
Application Number:	10680860						
CORRESPONDENCE DATA							
Fax Number:	(908)231-2626						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	908-231-3737						
Email:	robin.inman@aventis.com						
Correspondent Name:	F. Aaron Dubberley						
Address Line 1:	Route 202-206						
Address Line 2:	Mail Stop D303-A						
Address Line 4:	Bridgewater, NEW JERSEY 08807						
NAME OF SUBMITTER:	Robin J. Inman						
Total Attachments: 4 source=FRAV20020028 US NP Assign - Aventis Pharma SA#page1.tif source=FRAV20020028 US NP Assign - Aventis Pharma SA#page2.tif source=FRAV20020028 US NP Assign - Aventis Pharma SA#page3.tif source=FRAV20020028 US NP Assign - Aventis Pharma SA#page4.tif							

CH 10680860 \$40.00

PATENT

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REEL: 015101 FRAME: 0383

ASSIGNMENT AND AGREEMENT

For value received and intending to be legally bound, I/we, the undersigned joint inventor(s) (Assignor(s)), sell, assign and transfer to **Aventis Pharma S.A.** (Assignee), 20, Avenue Raymond Aron, Antony, 92165 Cedex, France, and its successors, assigns and legal representatives, the entire right, title and interest in and to my/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. **FRAV2002/0028 US NP** and (if filed prior to the execution hereof) filed on **October 7, 2003**, as Serial No. **10/680,860**, entitled

POLYPEPTIDES INVOLVED IN THE BIOSYNTHESIS OF SPIRAMYCINS, NUCLEOTIDE SEQUENCE ENCODING THESE POLYPEPTIDES AND APPLICATIONS THEREOF

and for all patent applications which claim priority to or are derived from said priority applications:

French Priority Application Filing Date:	October 8, 2002
French Priority Application No.:	0212489

French Priority Application Filing Date:	February 27, 2003
French Priority Application No.:	0302439

U.S. Provisional Application Filing Date:	August 7, 2003
U.S. Provisional Application No.:	60/493,490

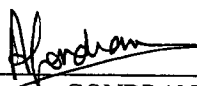
and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, 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.

I/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.

I/we agree that, when requested, I/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.

I/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 I/we have full right to convey the same as herein expressed.

Signed at Vitry sur Seine, France on this 12th day of July, 2004.
(City, State and Nation)

Signature: 
Inventor's Name: GONDRAN, Anne
Residential Address: 45 boulevard Saint Jacques
75014 Paris, France

Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: LACROIX, Patricia
Residential Address: 28 allée de Bellevue
94170 Le Perreux, France

Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: _____
Residential Address: _____

Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: _____
Residential Address: _____

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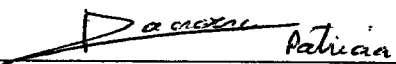
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Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: GONDRAN, Anne
Residential Address: 45 boulevard Saint Jacques
75014 Paris, France

Signed at VITRY on this 09 day of August, 2004.
(City, State and Nation)

Signature: 
Inventor's Name: LACROIX, Patricia
Residential Address: 28 allée de Bellevue
94170 Le Perreux, France

Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: _____
Residential Address: _____

Signed at _____ on this _____ day of _____, 2004.
(City, State and Nation)

Signature: _____
Inventor's Name: _____
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