

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>Maxine Linial</td><td>02/28/2005</td></tr><tr><td>Carolyn Stenbak</td><td>03/02/2005</td></tr></tbody></table>	Name	Execution Date	Maxine Linial	02/28/2005	Carolyn Stenbak	03/02/2005					
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Carolyn Stenbak	03/02/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Fred Hutchinson Cancer Research Center</td></tr><tr><td>Street Address:</td><td>1100 Fairview Avenue North</td></tr><tr><td>City:</td><td>Seattle</td></tr><tr><td>State/Country:</td><td>WASHINGTON</td></tr><tr><td>Postal Code:</td><td>98109-1024</td></tr></table>	Name:	Fred Hutchinson Cancer Research Center	Street Address:	1100 Fairview Avenue North	City:	Seattle	State/Country:	WASHINGTON	Postal Code:	98109-1024	
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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>10478442</td></tr></tbody></table>	Property Type	Number	Application Number:	10478442							
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Application Number:	10478442										
CORRESPONDENCE DATA											
Fax Number: (206)623-6793 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 2: Two Embarcadero Center, 8th Flr.											
Address Line 4: San Francisco, CALIFORNIA 94111-3834											
NAME OF SUBMITTER:	Masha M. Martinenko										
Total Attachments: 4 source=14538A-67-1US LINIAL#page1.tif source=14538A-67-1US LINIAL#page2.tif source=14538A-67-1US LINIAL#page3.tif source=14538A-67-1US LINIAL#page4.tif											

CH \$40.00 10478442

PATENT

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REEL: 015840 FRAME: 0659

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, MAXINE LINIAL of 3835 46th Ave. N.E., Seattle, WA 98105 and CAROLYN RINKE of 5731 Kirkwood PL. N., Seattle, WA 98103, hereinafter referred to as "Assignors," in addition to STEPHEN HUGHES of 13405 Loy Wolfe Road, Smithsburg, MD 21783; PAUL BOYER of 5937 Bino Road, Greencastle, PA 17225 and PATRICK CLARK of 5614 Tuskarora Drive, Frederick, MD 21702 are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: FOAMY VIRUS MUTANT REVERSE TRANSCRIPTASE

Filing Date: November 21, 2003

Application No.: 10/478,442; and

WHEREAS, FRED HUTCHINSON CANCER RESEARCH CENTER, a non-profit organization, located at, Office of Technology Transfer, 1100 Fairview Avenue N., M/S:J6-200, P.O. Box 19024, Seattle, WA 98109-1024 hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2/28/2005



Maxine Linial

STATE OF WASHINGTON)

) ss.

COUNTY OF KING)

On 2/28/05, before me, Lori R. Blake, personally appeared Maxine Linial, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lori R. Blake
NOTARY PUBLIC

My Commission Expires: 9/23/05

Dated: _____

Carolyn Rinke

STATE OF WASHINGTON)
)
COUNTY OF KING) ss.

On _____, before me, _____,
personally appeared Carolyn Rinke, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me
that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the
entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

/ NOTARY PUBLIC

• My Commission Expires: _____

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ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Carolyn Stenbak (formerly Carolyn Rinke) of Centre de Genetique Moleculaire, Bat 26, CNRS av de la terrasse, Gif-sur-Yvette, 91198 France, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: FOAMY VIRUS MUTANT REVERSE
 TRANSCRIPTASE

Filing Date: November 21, 2003

Application No.: 10/478,442; and

WHEREAS, Fred Hutchinson Cancer Research Center, a non-profit organization of the United States, located at 1100 Fairview Avenue North, Seattle, WA 98109-1024 , hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as

Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed her name on the date indicated.

Dated: 03/02/05

Carolyn Stenbak
Carolyn Stenbak

SIGNATURE WITNESSED BY:

Dated: 03/02/05

Romeo Yves
Signature of Witness

ROMEO Yves
Printed Name

Dated: 03/02/05

Christoph Scherfer
Signature of Witness

Scherfer, Christoph
Printed Name

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