

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sudha Shenoy</td> <td>03/23/2006</td> </tr> <tr> <td>Robert J. Lefkowitz</td> <td>03/22/2006</td> </tr> </tbody> </table>		Name	Execution Date	Sudha Shenoy	03/23/2006	Robert J. Lefkowitz	03/22/2006
Name	Execution Date						
Sudha Shenoy	03/23/2006						
Robert J. Lefkowitz	03/22/2006						
RECEIVING PARTY DATA							
Name:	Duke University						
Street Address:	Erwin Road						
City:	Durham						
State/Country:	NORTH CAROLINA						
Postal Code:	27708						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10543122</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10543122		
Property Type	Number						
Application Number:	10543122						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Michael F. Kolman						

CH \$40.00 10543122

Total Attachments: 4
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ASSIGNMENT

WHEREAS, the undersigned

Sudha SHENOY, resident of Durham, state of North Carolina;
Robert J. LEFKOWITZ, resident of Durham, state of North Carolina;

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

*Modified Trafficking Patterns For Arrestin and G-Protein-Coupled
Receptors Via Arrestin-Ubiquitin Chimera*

for which an application for a United States Patent was filed on *July 21, 2005* having Application Number *10/543,122*, national phase application of *PCT/US04/02029* filed *January 26, 2004* and

WHEREAS,

DUKE UNIVERSITY, a public entity of the State of North Carolina, having a place of business at Erwin Road, Durham, North Carolina 27708 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor : *Sudha Shenoy*
Sudha SHENOY

Date : 3/23/06

County of Durham)
) ss.
State of North Carolina)

On this 23 day of March in the year 2006,
before me Susan Navin
Notary Public of the State of North Carolina
personally appeared Sudha Shenoy
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 that he/she executed the same in his/her
authorized capacity(ies), and that by his/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.

Signature *Susan Navin*



(Seal)

Signature of Inventor : Robert J. Lefkowitz
Robert J. LEFKOWITZ

Date : 3/22/06

County of Durham)
) ss.
State of North Carolina)

On this 22 day of March in the year 2006,
before me ~~Robert J. Lefkowitz~~ Susan Navin
Notary Public of the State of North Carolina
personally appeared Robert J. Lefkowitz
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 that he/she executed the same in his/her
authorized capacity(ies), and that by his/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.

Signature Susan Navin



(Seal)