

## 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>Rao Donald</td> <td>07/23/2012</td> </tr> <tr> <td>Zhaohui Wang</td> <td>07/23/2012</td> </tr> <tr> <td>Neil Senzer</td> <td>08/02/2012</td> </tr> </tbody> </table> |                              | Name          | Execution Date | Rao Donald          | 07/23/2012 | Zhaohui Wang | 07/23/2012 | Neil Senzer | 08/02/2012 |
| Name   | Execution Date               |               |                |                     |            |              |            |             |            |
| Rao Donald   | 07/23/2012                   |               |                |                     |            |              |            |             |            |
| Zhaohui Wang   | 07/23/2012                   |               |                |                     |            |              |            |             |            |
| Neil Senzer  | 08/02/2012                   |               |                |                     |            |              |            |             |            |
| RECEIVING PARTY DATA   |                              |               |                |                     |            |              |            |             |            |
| Name:  | GRADALIS, INC.               |               |                |                     |            |              |            |             |            |
| Street Address:  | 2545 Golden Bear Drive       |               |                |                     |            |              |            |             |            |
| Internal Address:  | Suite 110                    |               |                |                     |            |              |            |             |            |
| City:  | Carrollton                   |               |                |                     |            |              |            |             |            |
| State/Country:   | TEXAS                        |               |                |                     |            |              |            |             |            |
| Postal Code:   | 75006                        |               |                |                     |            |              |            |             |            |
| 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>13890957</td> </tr> </tbody> </table>  |                              | Property Type | Number         | Application Number: | 13890957   |              |            |             |            |
| Property Type  | Number                       |               |                |                     |            |              |            |             |            |
| Application Number:  | 13890957                     |               |                |                     |            |              |            |             |            |
| CORRESPONDENCE DATA  |                              |               |                |                     |            |              |            |             |            |
| Fax Number:  | 2148660010                   |               |                |                     |            |              |            |             |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                              |               |                |                     |            |              |            |             |            |
| Phone:   | 214-866-0001                 |               |                |                     |            |              |            |             |            |
| Email:   | ycarpenter@chalkerflores.com |               |                |                     |            |              |            |             |            |
| Correspondent Name:  | Chalker Flores, LLP          |               |                |                     |            |              |            |             |            |
| Address Line 1:  | 14951 North Dallas Parkway   |               |                |                     |            |              |            |             |            |
| Address Line 2:  | Suite 400                    |               |                |                     |            |              |            |             |            |
| Address Line 4:  | Dallas, TEXAS 75254          |               |                |                     |            |              |            |             |            |
| ATTORNEY DOCKET NUMBER:  | GRAD:1025                    |               |                |                     |            |              |            |             |            |
| NAME OF SUBMITTER:   | Yanela Carpenter             |               |                |                     |            |              |            |             |            |
| Signature:   | /Yanela Carpenter/           |               |                |                     |            |              |            |             |            |

PATENT

Date:

05/29/2013

Total Attachments: 3

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**ASSIGNMENT OF PATENT APPLICATION**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, Donald Rao, Zhaohui Wang, John J. Nemunaitis, and Neil Senzer, do hereby:

SELL, ASSIGN AND TRANSFER to Gradalis, Inc. (the "Assignee"), having a place of business at 2545 Golden Bear Drive, Suite 110, Carrollton, Texas 75006, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions, subject matter and improvements disclosed in the application for United States Letters Patent, Serial No. 61/644,875, which has been filed on 05/09/2012 and is entitled "BI-Functional Short-Hairpin RNA (Bi-shRNA) Specific for Single-Nucleotide KRAS Mutations," (the "Invention"), such application and any and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all foreign countries based on the Invention; all original, reissued and reexamined patents which have been or shall be issued in the United States and all foreign countries based on the Invention; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Donald Rao  
Inventor's Signature

07/23/2012  
DATE

Donald Rao  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
  ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named Donald Rao who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
\_\_\_\_\_  
Inventor's Signature

07/23/2012  
\_\_\_\_\_  
DATE

Zhaohui Wang  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
  ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named Zhaohui Wang who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
\_\_\_\_\_  
Inventor's Signature

7 23 12  
\_\_\_\_\_  
DATE

John J. Nemunaitis  
\_\_\_\_\_  
Inventor's Printed Name

STATE OF \_\_\_\_\_ )  
  ) SS  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named John J. Nemunaitis who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Neil Senzer  
Inventor's Signature

08 02 2012  
DATE

Neil Senzer  
Inventor's Printed Name

STATE OF )  
  ) SS  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came the above named Neil Senzer who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_