

April 27, 2007

NM582

Mr. Thomas Thompson  
Senior Health Physicist  
Commercial and R&D Branch  
U.S. Nuclear Regulatory Commission – Region I  
475 Allendale Road  
King of Prussia, PA 19406

Ref: Authorized User Amendment  
License Number: 45-31155-01  
Docket Number: 03037210

Dear Mr. Thompson:

We are requesting an amendment to License Number 45-31155-01, Docket Number 03037210 for:

Howard Hughes Medical Institute  
Janelia Farm Research Campus  
19700 Helix Drive  
Ashburn, VA 20147

to add an additional authorized user: Kevin McGowan, Ph.D. His experience form is enclosed.

If you have any questions concerning this request, please contact the site RSO, Ms. Essala Lowe, via phone at 571-209-4373 or e-mail at [lowee@janelia.hhmi.org](mailto:lowee@janelia.hhmi.org). She will be able to answer any requests/comments promptly.

Sincerely,



Gerald M. Rubin

Enclosure: Experience Form for Kevin McGowan, Ph.D

RECEIVED  
REGION 1  
2007 MAY -1 AM 10:47

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## RADIOACTIVE MATERIALS AUTHORIZED USER (NRC) EXPERIENCE FORM

<b>TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER</b>			
<b>1. Name of Proposed Authorized User or Radiation Safety Officer</b> Kevin McGowan		<b>2. For Physicians, State or Territory where Licensed</b>	
<b>3. Certification</b>			
<b>Specialty Board A</b>	<b>Category B</b>	<b>Month and Year Certified C</b>	
<b>4. Training Received in Basic Radioisotope Handling Techniques</b>			
<b>Field of Training A</b>	<b>Location and Date(s) of Training B</b>	<b>Type and Length of Training</b>	
		<b>Clock Hours in Lecture or Laboratory</b>	<b>Clock Hours of Supervised On- The-Job Experience</b>
<b>a. RADIATION PHYSICS AND INSTRUMENTATION</b>	UNC-SOM 1/06 ExonHit Therapeutics (Clym Envir.) 6/01-6/05 Johns Hopkins University 1/95-1/00 East Carolina University 4/88-4/94	2 1 1 1	0 0 1000+ 1000+
<b>b. RADIATION PROTECTION</b>	UNC-SOM 1/06 ExonHit Therapeutics (Clym Envir.) 6/01-6/05 Johns Hopkins University 1/95-1/00 East Carolina University 4/88-4/94	2 1 1 1	0 0 1000+ 1000+
<b>c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY</b>	UNC-SOM 1/06 ExonHit Therapeutics (Clym Envir.) 6/01-6/05 Johns Hopkins University 1/95-1/00 East Carolina University 4/88-4/94	2 1 1 1	0 0 0 0
<b>d. RADIATION BIOLOGY</b>	UNC-SOM 1/06 ExonHit Therapeutics (Clym Envir.) 6/01-6/05 Johns Hopkins University 1/95-1/00 East Carolina University 4/88-4/94	2 1 1 1	0 0 0 0
<b>e. RADIOPHARMACEUTICAL CHEMISTRY</b>			

## RADIOACTIVE MATERIALS AUTHORIZED USER (NRC) EXPERIENCE FORM

5. Experience with Radiation or Radioactive Materials ( <i>Actual use of Radioisotopes or Equivalent Experience</i> )				
Isotope/Source	Activity Used at one time (mCi / MBq)	Location	Clock Hours	Type of Use
32-P	0.01-10 mCi	ECU, JHU, EHT	~1000	Nucleic acid detection
33-P	0.01-10 mCi	JHU, EHT	200	Nucleic acid detection
3-H	0.01-0.25 mCi	ECU	50	Enzyme assay
35-S	0.5-1.0 mCi	ECU, JHU	100	Sequencing

This is to acknowledge the receipt of your letter/application dated

4/27/2007, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 45-31155-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 140465.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.