

2007 DEC 19 AM 11:00

December 17, 2007

NMSB2

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: **Alla Karpova, Ph.D.** Her 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. She will be able to answer any requests/comments promptly.

Sincerely,



Gerard M. Rubin, Ph.D.
Director
Howard Hughes Medical Institute
Janelia Farm Research Campus
rubing@janelia.hhmi.org
571.209.4301

Enclosures: Experience Form for Alla Karpova, Ph.D



RADIOACTIVE MATERIALS AUTHORIZED USER (NRC) EXPERIENCE FORM

TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER				
1. Name of Proposed Authorized User or Radiation Safety Officer Alla Karpova, Ph.D.			2. For Physicians, State or Territory where Licensed	
3. Certification				
Specialty Board A	Category B	Month and Year Certified C		
4. Training Received in Basic Radioisotope Handling Techniques				
Field of Training A	Location and Date(s) of Training B	Type and Length of Training		
		Clock Hours in Lecture or Laboratory	Clock Hours of Supervised On- The-Job Experience	
a. RADIATION PHYSICS AND INSTRUMENTATION	Harvard University, 1998 (Initial Training) Harvard University, 1999-2001 (ALARA Training) Cold Spring Harbor Laboratory, 2001-2004 (Initial - 2001 & ALARA -2002 to 2004)	2 hours 2 hours 2 hours	4 years (Harvard) 4 years (CSHL)	
b. RADIATION PROTECTION	Same locations and dates as listed above	2 hours each location	4 years (Harvard) 4 years (CSHL)	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Same locations and dates as listed above	2 hours each location	4 years (Harvard) 4 years (CSHL)	
d. RADIATION BIOLOGY	Same locations and dates as listed above	2 hours each location	4 years (Harvard) 4 years (CSHL)	
e. RADIOPHARMACEUTICAL CHEMISTRY				
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
P32	0.01-1mCi	Harvard University (Cambridge, MA)	300 Hours	Nucleic Acid Detection (Northern & Southern Blots)
P32	0.01-1mCi	Cold Spring Harbor Laboratory (Cold Spring Harbor, NY)	300 Hours	Nucleic Acid Detection (Northern & Southern Blots)

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

12/17/2007, 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

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** 141456.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.