

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Alex Breslav

Title of Project Evaluating the specificity of novel monoclonal antibodies for pancreatic ductal adenocarcinoma

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist: (All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

Student will not be handling any hazardous chemicals, activities or devices in this study. The student will be evaluating data obtained from positron emission tomography scans and gamma counters.

2. Identify and assess the risks involved in this project.

Since student will not be involved in directly performing the experiment. Preparations will be done by the student, however, without exposure to hazardous materials. Therefore, risks are negligible.

3. Describe the safety precautions and procedures that will be used to reduce the risks.

Student will have to attend general safety and radiation safety courses before being allowed to enter the lab. These courses are provided by Memorial Sloan Kettering Cancer Center. Furthermore, the required PPE (safety goggles, lab coat, gloves) has to be worn at all times.

4. Describe the disposal procedures that will be used (when applicable).

Student will not be generating any waste. All waste generated from this study will be disposed of according to the Memorial Sloan Kettering Cancer Center guidelines, in accordance with legislation of the New York State Government.

5. List the source(s) of safety information.

Safety information will be provided by Memorial Sloan Kettering Cancer Center safety training courses.

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):

I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Jeroen Goos

Designated Supervisor's Printed Name

Signature 

06/23/19

Date of Review (mm/dd/yy)

Research Scholar, Memorial Sloan Kettering C

Position & Institution

goosj@mskcc.org

Phone or email contact information

Years of research in prognostic biomarkers for molecular imaging of various cancers at Memorial Sloan
Experience/Training as relates to the student's area of research



Memorial Sloan-Kettering Cancer Center

Institutional Animal Care and Use Committee

To: Lewis, Jason
From: Dr. Scott Keeney, Chairman
Institutional Animal Care and Use Committee (IACUC)
Date: October 25, 2019
Subject: IACUC Approval Notification
Project Title: Research and Development of New PET Radiopharmaceuticals

Your protocol has been approved.

Approval Date: October 25, 2019

Protocol Number: 08-07-013

Request: Amendment

Personnel Listed: Lewis, Jason; Ahad, Afruja; Carter, Lukas; Cho, Andrew; Cline, Lariana; Cornejo, Mike; Fung, Kimberly; Henry, Kelly; Hernandez Gil, Javier; Korsen, Joshua; Mack, Kyeara; Mamun, Tanjeena; Mandleywala, Komal; Mason, Christian; Nagle, Veronica; Phipps, Michael; Pillarsetty, Nagavarakishore; Ragupathi, Ashwin; Ribeiro Pereira, Patricia Manuela; Samuels, Zachary; Tully, Kathryn; Wendel, Hans

The following grant/sponsored project application(s) associated with this IACUC protocol was/were reviewed and the IACUC confirms that the research involving animals specified in the application(s) listed below is approved.

Grant sponsored Project PI:	Lewis, Jason
Grant sponsored Project Title:	Bifunctional ligand development for targeted Positron Emission Tomography (PET) using Zirconium-89
Grant sponsored Project Number:	5 R21 CA201999-02
Grant Agency/Sponsor:	National Cancer Institute
Grant sponsored Project PI:	Lewis, Jason
Grant sponsored Project Title:	The Clinical PET Imaging of Metastatic Breast Cancer with Site-Specifically Labeled 89Zr- -Trastuzumab
Grant sponsored Project Number:	5 R01 CA204167-04
Grant Agency/Sponsor:	National Cancer Institute
Grant sponsored Project PI:	Lewis, Jason
Grant sponsored Project Title:	Imaging VEGFR-1 in early metastatic lesions

Grant sponsored Project Number:	5 R21 CA216761-02
Grant Agency/Sponsor:	National Cancer Institute
Grant sponsored Project PI:	Carter, Lukas
Grant sponsored Project Title:	Development of a Novel Peptide Platform for Targeted PET Imaging and Radiotherapy of Breast Cancer

Grant sponsored Project Number:	5 F32 EB025050-02
Grant Agency/Sponsor:	National Institute of Biomedical Imaging and Bioengineering
Grant sponsored Project PI:	Lewis, Jason
Grant sponsored Project Title:	Annotating Cancer Biology through Non-Invasive Molecular Imaging

Grant sponsored Project Number:	1 R35 CA232130-01A1
Grant Agency/Sponsor:	National Cancer Institute

Species Use	Category C	Category D	Category E
Experimental Plan for Mice	0	14009	0

Protocols are valid for one year. Prior to the beginning of the second and third years you will be prompted to complete an "Annual Renewal" to certify that there will be no significant changes in your use of animals. Prior to the fourth year, a 3-Yr Renewal of the protocol must be completed and submitted to the IACUC for review. If your protocol is not renewed yearly it will become invalidated. Once this occurs, your animal ordering privileges will be suspended and you will not be allowed to order animals under this inactive protocol.

If, at any time, you plan to change the use of animals such that (1) the pain and distress category would change, (2) the numbers of animals used changes significantly, (3) fundamental goals change, or (4) any change is planned that the IACUC needs to address, it is necessary to submit a revised protocol form and obtain approval prior to initiating the new procedures.

Please remember that activities involving vertebrate animals must be conducted in conformance with the regulations, policies, and principles of the Animal Welfare Act, the Public Health Service Policy on Humane Care and Use of Laboratory Animals Used in Testing, research and Training, the NIH Guide for the Care and Use of Laboratory Animals and the Research Animal Resource Center (RARC) User Guide. Failure to comply with these regulations, policies, and principles could result in suspension of the protocol and in the case of PHS funded research, loss of funding.

Animals utilized in research may experience unanticipated problems, morbidity, and/or mortality. It is important that the IACUC is aware of these events. Investigators are required to make these reports yearly on their annual renewal application to the IACUC. Reports on species regulated by the United States Department of Agriculture (USDA), i.e. dogs, cats, nonhuman primates, guinea pigs, hamsters, rabbits and pigs, require prompt reporting in writing to the IACUC Chairperson or Coordinator, within two weeks of the event.

Please be advised that any new personnel listed on your protocol will be required to complete RARC's online orientation curriculum for new users prior to performing any work involving live animals and/or animal tissues or body fluids. Staff MUST complete the online modules to be granted access to the facilities and must complete the facility tour within 30 days of gaining access to maintain their access to the facilities. Failure to do so will result in withdrawal of access and revocation of animal use privileges. Please contact the Education and Quality Assurance Coordinator @ 646-962-6746 or RARC_EQA@mskcc.org to register for these sessions. Go to <http://inside2/rarc/Pages/Online-Training.aspx> for details about these and other training sessions

Please remember, all personnel who will be required to conduct rodent surgical procedures, regardless of prior experience, are required to attend Rodent Surgery Training. Please contact the EQA Training Coordinator @ RARC_EQA@mskcc.org, to arrange training.