

Human and Vertebrate Animal Tissue Form (6B)

Required for research involving fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures), blood, blood products and body fluids. If the research involves living organisms please ensure that the proper human or animal forms are completed. **All projects using any tissue listed above must also complete Form 6A.**

Student's Name(s) Chelsea Pan

Title of Project Dysregulation of dopamine-2 receptor with neuronal deficits underlies loss of control in cocaine addiction

To be completed by Student Researcher(s):

- What vertebrate animal tissue will be used in this study? Check all that apply.
 - ☒ Fresh or frozen tissue sample
 - ☐ Fresh organ or other body part
 - ☐ Blood
 - ☐ Body fluids
 - ☐ Primary cell/tissue cultures
 - ☐ Human or other primate established cell lines
- Where will the above tissue(s) be obtained. If using an established cell line include source and catalog number.

The tissue for the above project was obtained from our transgenic mouse line, Drd2-eGFP. The animals were euthanized in accordance with the regulations set forth by the Stony Brook University animal committee (IACUC). Once euthanized, the qualified scientist preserved/fixed the tissue via transcardinal perfusion with 4% paraformaldehyde (PFA). Therefore, the brain tissue used for this project should not be considered fresh/frozen as it has been fixed with PFA halting all biological activity. The animals were not euthanized solely for the student's project as the tissue was collected as part of our ongoing study to understand how cocaine affects different cell types in the brain.
- If the tissue will be obtained from a vertebrate animal study conducted at a research institution attach a copy of the IACUC certification with the name of the research institution, the title of the study, the IACUC approval number and a copy of IACUC approval.

see attachment

To be completed by the Qualified Scientist or Designated Supervisor:

- ☒ I verify that the student will work solely with organs, tissues, cultures or cells that will be supplied to him/her by myself or qualified personnel from the laboratory; and that if vertebrate animals were euthanized they were euthanized for a purpose other than the student's research.
- AND/OR**
- ☐ I certify that the blood, blood products, tissues or body fluids in this project will be handled in accordance with the standards and guidance set forth in U.S. Occupational Safety and Health Act, 29CFR, Subpart Z, 1910.1030 - Blood Borne Pathogens.

Kevin Clare

Printed Name

Kevin Clare

Signature

5/25/2019

Date of Approval (mm/dd/yy)
(Must be prior to experimentation.)

Research Aide

Title

1(631)632-5481

Phone/Email

Stony Brook University

Institution



Stony Brook Research

Stony Brook University Institutional Animal Care and Use Committee (IACUC)

DATE: May 22, 2019

TO: Congwu Du, PhD

FROM: Mary O'Neill, Assistant Director, Office of Research Compliance

SUBJECT: Institutional Animal Care and Use Committee (IACUC) Action Taken

STUDY TITLE: [252462-29] renew: Cocaine-induced Brain Functional Change Using Fluorescent and Optical Imaging (#1315)

IACUC #: 2010-1315- R1 - 5.14.21- MI, RA

SUBMISSION TYPE: Continuing Review/Progress Report

ACTION: APPROVED

SUBMISSION APPROVAL DATE: May 21, 2019

PROJECT EXPIRATION DATE: May 20, 2020

REVIEW TYPE: Full Committee Review

The project referenced above which involves animal subjects was reviewed and approved by the Institutional Animal Care and Use Committee (IACUC) on May 21, 2019.

IMPORTANT: You must renew this project by submitting an Application for CONTINUED Approval for the Use of Vertebrate Animals in Research or Educational Activities to the IACUC, and obtain approval by May 20, 2020 if the study is to continue.

You must renew your activity, if it is to continue, prior to the expiration date. It is your responsibility to be aware of your expiration dates. You may receive courtesy reminder notifications and it is recommended you respond to the renewal notice in a timely manner to prevent a lapse in your study approval.

The Federal Office of Laboratory Animal Welfare (OLAW) in the Public Health Service (PHS) and this Institution require that ANY proposed changes to the project be reviewed and approved by the IACUC PRIOR to commencement of the activity.

This approval is subject to suspension if at any time the conditions and requirements of the IACUC are not met.