

## Vertebrate Animal Form (5B)

Required for all research involving vertebrate animals that is conducted in at a Regulated Research Institution.  
(IACUC approval required before experimentation. Form must be completed and signed after experimentation.)

Student's Name(s) Mikaela Milch

Exploring parent-of-origin effects on contextual and cued associative learning in Type III

Title of Project Neuregulin 1 transmembrane domain mutant mice

Title and Protocol Number of IACUC Approved Project IACUC Protocol Number: 2010-1618 - FAR- 2 18 22-MI

Project Title: [241318-41] Modulation of neuronal acetylcholine receptors, Neuregulin1 - neurotrophin interactions, Neuregulin 1 signaling and schizophrenia

### To be completed by Qualified Scientist or Principal Investigator:

1. Species of animals used: Mus Musculus Number of animals used: 42

2. Describe, in detail, the role of the student in this project: animal procedures and related equipment that were involved, oversight provided and safety precautions employed. (Attach extra pages if necessary.)

The student had direct contact with the mice when acclimating them to handling by humans. Additionally, she had direct contact while placing them into and taking them out of the chamber for associative learning trials. During these trials, she monitored the mice via cameras placed in the chambers. All interactions were supervised by Dr. Jennifer Wilking and approved by the Institutional Animal Care and Use Committee at SUNY Stony Brook.

3. Was there any weight loss or death of any animal? If yes, attach a letter obtained from the qualified scientist, designated supervisor or a veterinarian documenting the situation and the results of the investigation.  
There was not any weight loss or death of any animal.

4. Did the student's project also involve the use of tissues?

☒ No

☐ Yes; complete Forms 6A and 6B

5. What laboratory training, including dates, was provided to the student?

On June 4th, 2019, the student took a Department of Laboratory Animal Resources OLAW course at Stony Brook University. During June of 2019 she also completed CITI modules on proper animal care. From July 8th to July 24th, she shadowed Dr. Jennifer Wilking, a post-doc who taught me how to handle the animals, operate the chambers, use the computer software, etc.

6. Attach a copy of the Regulated Research Institution IACUC Approval. A letter from the Qualified Scientist or Principal Investigator is not sufficient.

Qualified Scientist/Principal Investigator

Dr. David Talmage

Printed Name

DAvid Talmage

Signature

12/16/2019

Date (mm/dd/yy)





# Stony Brook Research

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

DATE: March 11, 2019

TO: Lorna Role, PhD  
FROM: Mary O'Neill, Assistant Director, Office of Research Compliance  
SUBJECT: Institutional Animal Care and Use Committee (IACUC) Action Taken

STUDY TITLE: [241318-41] Modulation of neuronal acetylcholine receptors, Neuregulin 1 - neurotrophin interactions, Neuregulin 1 signaling and schizophrenia  
IACUC #: 2010-1618 - FAR- 2 18 22-MI

SUBMISSION TYPE: Continuing Review/Progress Report  
ACTION: APPROVED  
SUBMISSION APPROVAL DATE: March 11, 2019  
PROJECT EXPIRATION DATE: February 18, 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 March 11, 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 February 18, 2020 if the study is to continue. You are permitted a total of two renewals or continuing reviews, which must be approved by the yearly anniversary dates of the FULL application expiration. After two such renewals, a new FULL Application for the Use of Vertebrate Animals in Research must be submitted to the IACUC 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.