

Report Comments

Protocol Information

Version # 5

Reference Number 200420

Protocol Number 16-200420-T-HSC

Protocol Type: Renewal

Principal Investigator: [REDACTED]

Approval Date: 2/15/2019

Submittal Date: 11/20/2018

Effective Date: 2/15/2019

Author: [REDACTED]

Renewal Date: 2/15/2020

Status: Approved

Next Review Date: 2/15/2020

Inactive Date:

Expiration Date: 10/27/2019

Annual Renewal Section

Continuation Status

1.1

Do you wish to continue this protocol?

☒ Yes

☐ No

1.1.1

Yes

Annual Renewal Progress Report

1.1.1.1

Give a brief summary of progress made during the past year.  
Include species and number of animals used.

We are in the MS preparation phase of this project. We did not use any new animals over the past year.

Expected Progress in Coming Year

1.1.1.2

Briefly define research goals projected for completion in the upcoming year.

We will may be imaging animals later in the year. Our collaborator, [REDACTED], has left [REDACTED] and is now a Professor at [REDACTED]. We will amend this protocol to include [REDACTED] as a collaboration site. The protocols will be the same.

Complications Associated with Animal Procedures

1.1.1.3

Have technical complications occurred with animal procedures in the past year?

☐ Yes

☒ No

1.1.1.3.2

No

#### 1.1.1.4

Have there been any changes in funding for this project?

☐ Yes  
☒ No

#### 1.1.1.4.2

No

### 1.1.1.5

Are all your field permits up to date (if applicable)?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	N/A

### 1.1.1.5.3

N/A

### 1.1.1.6

All protocol associates must be medically cleared annually and appropriately trained to handle animals.

Please verify all protocol associates listed on this protocol are up to date on their medical clearance and training.

### 1.1.1.7

Select one. If you wish to make changes at this time (ex: add/remove staff) select "Annual Renewal/Minor Amendment" If you want to submit a Major Amendment, please submit it after this annual renewal is approved.

☐ Annual Renewal ONLY

☒ Annual Renewal/Minor Amendment

### 1.1.1.7.2

Annual Renewal/Minor Amendment

#### 1.1.1.7.2.1

Select ALL that apply.

☐ Add/Remove Staff

☐ Increase of animals less than 10%

☒ Minor procedural changes

### 1.1.1.7.2. 1.3

### Minor procedural changes

1.1.1.7.2.  
1.3.1

Briefly summarize the proposed changes if not described above, justify the changes for this amendment, or give reasons for adding new procedures or changing existing procedures.

Update changes in all appropriate sections of the protocol form.

We will include [REDACTED] [REDACTED] new location [REDACTED]. He has an approved IACUC which we are awaiting the approval letter, and we will need to complete an interinstitutional approval form.

## 2.1

200420

## 2.2

16-200420-T-HSC

## 2.3

PTSD mouse model animal behavior studies

## 2.4

\_\_\_\_\_

## 2.5

## Pathology

## 2.6


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## 2.7

11/11/2016

## 2.8

## 2.10

Click on the links below to access either the Personnel Qualifications Form (hands-on training) or the  training website and modules (disable popups on your browser to view attachments).

## 2.11

☐ Yes

☒ No

### 2.11.2

## 2.12

☒ UNM Protocols

☒ External Protocols

☐ None

### 2.12.1

## UNM Protocols

### Protocol Detail Report Answered Questions Only

## Related Protocols

### 2.12.1.1

Select UNM protocol(s) for which you are associated from the list below.

Reference #	Protocol #	Status	Title	Type
200416		Withdrawn	B6.Cg-Tg(tetO_APPSwind)102Dbo/J Breeding Colony	Amendment
200056	13-100996-T-TR-HSC	Approved	Imaging Brain anatomy and Function Using MRI	Original
200057	15-101248-B-TR-HSC	Approved	B6.Cg-Tg(tetO_APPSwind)102Dbo/J Breeding Colony	Original
200058	15-101310-T-TR-HSC	Approved	Live Imaging of Brain Circuitry in Mouse Models of PTSD	Original

## External Protocols

### 2.12.2

## External Related Protocols

### 2.12.2.1

Attachments: 2015 Jan 16 3Yr Resubmission\_final [REDACTED] 1430.pdf

Fill in the protocol information below.

For Transfer protocols attach all external protocol forms and IACUC approval letters.

For Collaborative protocols attach IACUC approval letters.

Original Protocol Number	Original Title	Original Institution	Original Approval Date
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See Attached

## Office Use Only

### Scientific Merit

## Funding

## 4.1

Is this project funded?

☒ Yes

☐ No

#### 4.1.1

Yes

### Funding Source

#### 4.1.1.1

Select all funding sources by clicking on the green plus icon to the right.

If your funding source is not listed here, please email [REDACTED] and we will add it for you.

You may click the green plus sign to choose that funding source then select "OK".

NIH/NIMH

#### 4.1.1.1.1

#### 4.1.1.2

Click the green plus icon to the right to add rows to the table.

## 4.2

### 4.2.1

#### 4.2.1.1

### 4.3

### 4.3.1

Yes



## 4.4

All live animal experimentation is concluded as of January 2016 and the project is now at the stage of tissue analysis by microscopy either at UNM or at [REDACTED] where [REDACTED] has a Visiting Associate appointment and can use high-end laser-light sheet microscopy not available at UNM to image these precious brains. The subaward to [REDACTED] from 2012-2016 was in place with all appropriate approvals and assurances at [REDACTED] during the subaward. Now the project has moved into analysis mode which will be performed at both [REDACTED] and UNM. Because [REDACTED] has a Visiting Associate appointment at [REDACTED], no subaward is necessary for the tissue analysis on the advanced microscopy equipment there which she will perform. We will include [REDACTED] new location [REDACTED]. He has an approved IACUC which we are awaiting the approval letter, and we will need to complete an interinstitutional approval form.

## 4.5

Using the information gained from these mice we hope to be able to look at human PTSD in ways that are more biologically and clinically useful. We hope to better identify windows for therapy. We hope that these mice can tell us which of the human SERT gene variants are more protective against the clinical problems caused by PTSD. And which might make people more at risk to PTSD. All live experimentation has been concluded since January 2016 and this project is now in the analysis and microscopy stage.

### Protocol Detail Report Answered Questions Only

### Scientific Merit Review

## 4.6

Was this project subject to independent peer review?

☒ Yes

☐ No

### 4.6.1

Yes

### Scientific Reviewing Entity

#### 4.6.1.1

List the scientific reviewing entity.

Center for Scientific Review, NIH

### Collaborative or Tissue Information

## Protocol Type

## 5.1

Select all that apply.

☒ Animal Tissue

☐ Collaborative (place holder for funding - ALL vertebrate research under this UNM funded project conducted at an external institution)

### 5.1.1

## Animal Tissue

## Reason for Tissue Collection

### 5.1.1.1

Will tissue be collected from live vertebrate animals or will animals be euthanized solely for the purpose of this study? If not, then this qualifies as a tissue protocol and you will fill out the details of your study by selecting "No".

### Examples of Tissue Protocols:

Tissues obtained from a retail source

Shared tissues obtained from animals utilized under a separately approved protocol

Bird or Reptile embryos obtained prior to hatching

Embryos (e.g. Zebrafish up 72 hours post fertilization)

☐ Yes

☒ No

### 5.1.1.1.2

No

## Animal Tissue

#### 5.1.1.1.2.1

Fill in the following.

Click the green plus icon to the right to add rows to the table.

Species of Origin	Tissue Type	Quantity Requested	Source (e.g. research facility or retail)	UNM Protocol # for tissue origin (if applicable)
mouse	brain	100		





### Protocol Detail Report Answered Questions Only

## PI Assurances

## 7.1

Read and select all. The PI must agree to all provisions contained herein. Once selected and saved, this program will require an electronic signature by the PI that will signify the Principal Investigator's agreement with the following conditions and assurances.

The PI must be logged in and must save the checkboxes in order to generate the login that creates the e-signature. No one else may sign.

- ☒ Animals are essential for this project and the study does not UNNECESSARILY duplicate previous experiments.
- ☒ The minimum number of animals will be used to support the goals of this study.
- ☒ All procedures are conducted in a manner to minimize discomfort, distress and pain. Any unanticipated pain or distress, morbidity or mortality will be reported to the attending veterinarian and/or the IACUC.
- ☒ All personnel participating in animal activities on this protocol are adequately trained in the procedures in which they are involved.
- ☒ All personnel are aware of ethical responsibilities associated with animal research activities and procedures for reporting animal welfare concerns.
- ☒ The PI and all personnel associated with this study will follow procedures under the approved protocol and comply with all pertinent institutional, state and federal rules regarding the use of animals in research, testing or education.
- ☒ I understand that if this protocol expires, all animal work under the protocol must cease until a replacement protocol is approved and all remaining animals must be transferred to a holding protocol.
- ☒ All individuals associated with this protocol that will have contact with live animals or with animal tissues or body fluids have been informed of the requirement for participation in the Institution's Employee Occupational Health and Safety Program.

### 7.1.1

Animals are essential for this project and the study does not UNNECESSARILY duplicate previous experiments.

### 7.1.2

The minimum number of animals will be used to support the goals of this study.

### 7.1.3

All procedures are conducted in a manner to minimize discomfort, distress and pain. Any unanticipated pain or distress, morbidity or mortality will be reported to the attending veterinarian and/or the IACUC.

#### 7.1.4

All personnel participating in animal activities on this protocol are adequately trained in the procedures in which they are involved.

### 7.1.5

All personnel are aware of ethical responsibilities associated with animal research activities and procedures for reporting animal welfare concerns.

### 7.1.6

The PI and all personnel associated with this study will follow procedures under the approved protocol and comply with all pertinent institutional, state and federal rules regarding the use of animals in research, testing or education.

### 7.1.7

I understand that if this protocol expires, all animal work under the protocol must cease until a replacement protocol is approved and all remaining animals must be transferred to a holding protocol.

### 7.1.8

All individuals associated with this protocol that will have contact with live animals or with animal tissues or body fluids have been informed of the requirement for participation in the Institution's Employee Occupational Health and Safety Program.