

Vertebrate Animal Form (5A)

Required for all research involving vertebrate animals that is conducted in a school/home/field research site.
(SRC approval required before experimentation.)

Student's Name(s) Katherine Lynn Winter

Title of Project Individual variability in working memory of (57B16) male mice in response to Repeated variable Social Stress (RVSS)

to be completed by Student Researcher:

Common name (or Genus, species) and number of animals used.

57 Black6J male

Describe completely the housing and husbandry to be provided. Include the cage/pen size, number of animals per cage, environment, bedding, type of food, frequency of food and water, how often animal is observed, etc. Add an additional page as necessary.

Mice are housed in our IAC approved facility, and cared for by a Veterinary staff. 4 animals are housed per cage on ventilated racks with fresh food & water and 16/8 hrs.

What will happen to the animals after experimentation?

They are used for further studies in the lab.

Attach a copy of wildlife licenses or approval forms, as applicable

The Intel ISEF Vertebrate Animal Rules require that any death, illness or unexpected weight loss be investigated and documented by a letter from the qualified scientist, designated supervisor or a veterinarian. If applicable, attach this letter with this form when submitting your paperwork to the SRC prior to competition.

to be completed by Local or Affiliate Fair Scientific Review Committee (SRC) BEFORE experimentation. Level of Supervision Required for agricultural or nutritional studies:

- ☐ Designated Supervisor REQUIRED. Please have applicable person sign below.
- ☐ Veterinarian and Designated Supervisor REQUIRED. Please have applicable persons sign below.
- ☐ Veterinarian, Designated Supervisor and Qualified Scientist REQUIRED. Please have applicable persons sign below and have the Qu Form (2).

The SRC has carefully reviewed this study and finds it is an appropriate study that may be conducted in a non-regulated research site. Local approval Signature:

allyn

RC Chair Printed Name

Signature
(mm/dd/yy)

Date of Approval (must be)

To be completed by Veterinarian:

- ☐ I have reviewed this research and animal husbandry with the student before the start of experimentation
- ☐ I have approved the use and dosages of prescription drugs and/or nutritional supplements.
- ☐ I will provide veterinary medical and nursing care in case of illness or emergency. (Fees may apply.)

Printed Name

Email/Phone

Signature

Date of Approval (mm/dd/yy)

To be completed by Designated Supervisor or Qualified Scientist when applicable:

- ☒ I have reviewed this research and animal husbandry with the student before the start of experimentation and I accept primary responsibility for the care and handling of the animals in this project.
- ☒ I will directly supervise the experiment

Printed Name

Email/Phone

Signature

Date of Approval (mm/dd/yy)

International Rules: Guidelines for Science and Engineering Fairs 2018 – 2019, student.societyforscience.org/intel-isef

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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) Katherine Lynn Winter

Title of Project Individual variability in working memory of C57BL/6 male mice after repeated variable social stress (RVS) AF-Stress
Title and Protocol Number of IACUC Approved Project

To be completed by Qualified Scientist or Principal Investigator:

Species of animals used:

C57 BL/6

Number of animals used:

30

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.)

Student was assisted in all interaction with the C57. She monitored computer and was given gloves and face mask.

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.

No.

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

No

Yes; complete Forms 6A and 6B

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

Kate received lab safety training and fire safety training 7/1/2019.

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

Allyson Friedman

Printed Name



Signature

6/1/2017

Date (mm/dd/yy)