

1/21/2020

NIAAA ACUC MEETING MINUTES

December 17, 2019

The NIAAA Animal Care and Use Committee convened on Tuesday, December 17, 2019 at 1:30 p.m., [Redacted by agreement]

Attendance

Members:

<input checked="" type="checkbox"/>	Dr. Bin Gao	Chairperson, LLD
<input type="checkbox"/>	[Redacted by agreement]	
<input checked="" type="checkbox"/>	Dr. Raouf Kechrid	Attending Veterinarian, OLAS
<input checked="" type="checkbox"/>	[Redacted by agreement]	
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☒ Present ☐ Absent

Guests:

[Redacted by agreement]

1) Old Business

- The committee reviewed and approved the November 26, 2019 ACUC meeting minutes as written.
- **Physical plant**
 - [Redacted hv] Renovations: Renovations to room [Redacted by agreement] are scheduled to start on January 6th, 2020 and may continue for up to a week. Noise, vibrations, and odors may be perceptible in areas immediately adjacent to the work being performed. The area is immediately adjacent to animal holding room [Redacted] and procedure rooms [Redacted] to [Redacted by agreement] and directly below rooms [Redacted by agreement]. The renovations will consist of replacing ceiling tiles and light fixtures among others.
 - Cage wash floor cracks and caulking: OLAS is waiting on a reply from [Redacted by] (NIH/OD/ORF) regarding scheduling of these repairs.

2) New Business

- **CAPS update regarding Envigo:** On October 18, 2019, all CAPS users were notified that the new small animal purchasing contract went into effect on October 17, 2019 and that Envigo was not awarded a contract. This meant that Envigo animal orders could no longer be processed through the CAPS system. Since this date, all newly submitted Envigo animal orders have been processed as rodent imports from non-approved vendors. On December 5th, 2019, all CAPS users were again notified that Envigo's vendor status has changed and the Animal Program Directors voted to accept Envigo as an approved vendor for rodents. This was done in accordance with procedures listed in NIH Policy Manual 3043-1. Envigo will remain in the CAPS system and users may place orders as they are accustomed to.
- **AAALAC PD OACU Review:** The OLAS received comments back from the OACU regarding the first draft of our AAALAC PD that was submitted on November 15th, 2019. There were no major concerns identified and the NIAAA AAALAC PD is in good shape. The comments will be addressed, and additional revisions made as necessary prior to the second draft submission by February 15th, 2020. The Committee was reminded that our triennial AAALAC inspection will take place around the third or fourth week of June 2020.

3) Animal Study Proposals

- The following Category 1a amendments were reviewed by Full Committee Review (FCR) at a convened meeting of a quorum:

i.

(b)(5)

(b)(5)

The Committee agreed to table the amendment for designated member review after receipt of the revisions requested below. Dr. Bin Gao and [Redacted by] were designated as the ACUC members to review the revised amendment.

(b)(5)

(b)(5)

ii.

(b)(5)

(b)(5)

The Committee agreed to table the amendment for designated member review after receipt of the revisions requested below. Redacted by Redacted by Dr. Raouf Kechrid were designated as the ACUC members to review the revised amendment.

(b)(5)

(b)(5)

- The following ASPs previously reviewed by a convened quorum were approved by designated member review:
 - i. Title: “Rodent Holding Program,” [Redacted by agreement] Approved 12/17/2019.
 - ii. Title: “Behavioral, Pharmacological, and Electrophysiological Phenotyping of Genetically Modified Mice,” [Redacted by agreement] Approved 12/18/2019.
 - iii. Title: “Effects of dietary n-6 and n-3 polyunsaturated fatty acids on gene network in response to alcohol exposure,” [Redacted by agreement] Approved 1/21/2020.
- The following Category 1a amendments previously reviewed by a convened quorum were approved by designated member review:
 - i. Title: “Chronic and acute actions of drugs of abuse on synaptic function and morphology,” [Redacted by agreement] Add rabies viral vectors and multiple survival surgeries. Approved 12/11/2019.
 - ii. Title: “Role of the Endocannabinoid System in Mice,” [Redacted by agreement] (Amendment 3), [Redacted by agreement] Add room strain ROSA26-lacZ and offspring room strains. Approved 12/11/2019.

- iii. Title: "Mechanistic studies on mitochondrial dysfunction, apoptosis and tissue damage caused by alcoholic and/or nonalcoholic substances," [Redacted by] (Amendment 19), [Redacted by] Increase the number of ethanol binges (5 g/kg/dose orally at 12-h intervals) for a maximum of up to 8 doses. Approved 12/19/2019.

- The following Category 1b amendments were approved by designated member review:

- i. Title: "Role of Endocannabinoids and Oxidative Stress in Injury of Heart, Liver, Kidney and Brain," [Redacted by] (Amendment 27), [Redacted by] Add injection of thioglycolate medium. Approved 12/12/2019.
- ii. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by] (Amendment 24), Dr. [Redacted by] Add IV administration of Adenovirus-Cyp2b10 and Adenovirus-CYP2B6. Approved 12/30/2019.
- iii. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by] (Amendment 25), Dr. [Redacted by] Add IV administration of Adenovirus-Ces1d. Approved 12/30/2019.
- iv. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by] (Amendment 29), Dr. [Redacted by] Add SOX9 f/f room strain and associated offspring strains. Approved 12/30/2019.
- v. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by] (Amendment 30), Dr. [Redacted by] Add ALBLCN2 and LCN2 f/f mouse strains. Approved 1/8/2020.
- vi. Title: "Behavioral and Pharmacological Analysis of Genetically Modified Mice," [Redacted by] Add experimental compound PF 3845. Approved 1/15/2020.
- vii. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by] (Amendment 31), Dr. [Redacted by] Add room strain CD36 f/f and offspring strain ALBCD36. Approved 1/15/2020.
- viii. Title: "Role of Endocannabinoids and Oxidative Stress in Injury of Heart, Liver, Kidney and Brain," [Redacted by] (Amendment 28), [Redacted by] Increase maximum dose of JZL184 from 10 mg/kg to 30 mg/kg/day. Approved 1/16/2020.
- ix. Title: "Mechanistic studies on mitochondrial dysfunction, apoptosis and tissue damage caused by alcoholic and/or nonalcoholic substances," [Redacted by] (Amendment 20), [Redacted by] Administration of ellagic acid (EA) suspended with 1% Tween 80 with or without 1.0% polyvinylpyrrolidone or EA nanoparticles. Approved 1/17/2020.

- The following Category 3 administrative amendments were approved:

- i. Title: "Alcohol, Liver Injury, and Regeneration," [Redacted by agreement] (Amendment 27), Dr. [Redacted by agreement] Add investigator [Redacted by agreement]. Approved 12/18/2019.
- ii. Title: "The Role of Polyunsaturated Fatty Acids in Neurodevelopment, Neuroprotection and Functional Recovery after Injury – Mouse Model," [Redacted by agreement] (Amendment 3), [Redacted by agreement] Add investigator [Redacted by agreement]. Approved 1/10/2020.
- iii. Title: "Exploration of Brain Glycinergic and Glial Transmission in Mice," [Redacted by agreement] (Amendment 17), [Redacted by agreement] Add investigator [Redacted by agreement]. Approved 1/13/2020.

- The following Animal Study Proposals underwent annual review:

- i. Title: "Effects of Ketosis Upon Androgen Deprivation of Castration," [Redacted by agreement] [Redacted by agreement] Number of rats used as of 01/06/2020 – 66. There have been no amendments since this ASP was approved. T&E forms have been reviewed for all animal users listed on the ASP that will use animals. Investigators performing procedures requiring demonstration of proficiency have demonstrated proficiency or have been notified that demonstration of proficiency is required. There are no pilot study reports to the ACUC that are pending.

The next ACUC meeting is on January 28, 2020 at 1:30pm in [Redacted by agreement]