

Memorandum to: Dr. Susan Martinis
From: Institutional Animal Care and Use Committee
Subject: Semiannual Report of the Program Review and Facility Inspection
Date: May 3, 2022

This report summarizes the IACUC's results of its most recent program review and facility inspection, as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy), Section IV.B.1.-3., the Guide for the Care and Use of Laboratory Animals (Guide), and the Animal Welfare Act (AWA) regulations, as applicable. Submission of semiannual reports to the Institutional Official is a condition of this institution's Animal Welfare Assurance with the NIH Office of Laboratory Animal Welfare (OLAW).

Since the last review, the following changes have occurred in the institution's program for animal care and use (PHS Policy IV.A.1.a.-i.): [optional]

none

I. Description of the Nature and Extent of the Institution's Adherence to the PHS Policy, the *Guide*, and the AWA

Departures from the PHS Policy, the *Guide*, and the AWA.

Select A or B:

- ☐ A. There were no departures during this reporting period.
☒ B. The following departures have been reviewed and approved by the IACUC: *[include reason for each departure]*

Agricultural housing for biomedical study; extended cage or cage furnishing change/cleaning interval; reduced frequency for bedding/cage changes; food/water restriction/deprivation; individual housing; non-standard lighting/temperature conditions; risk of death from seizure (in rodents); multiple major survival surgeries; delayed weaning of mice pups; reduced floor/feeder space allowance or increased stocking density; biomedical sow housing in farrowing crates/stalls for an extended period; gestation crates smaller than Ag guide recommendations; reduced/exempted acclimation period; death as an endpoint (in fish - per EPA guidelines); prolonged restraint; social disruption stress; chronic mild stress; wire-bottom caging; unrelieved pain/distress; use of non-AVMA-approved euthanasia in turtles; reduced air exchange for frog rooms. [scientific justification provided for each - available upon request]

II. Deficiencies in the Institution's Animal Care and Use Program

Animal Care and Use Program Review Date(s): 04/27/2022

Select A or B:

- ☒ A. There were no deficiencies in the program during this reporting period.
☐ B. The following deficiencies have been identified: *[describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW's Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]*

III. Deficiencies in the Institution’s Animal Facility

Animal Facility Inspection Date(s): 11/11/2021 – 05/04/2022

Select A or B:

- ☐ A. There were no deficiencies in the animal facility during this reporting period.
- ☒ B. The following deficiencies have been identified: *[describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW’s Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]*

(see attached inspection report for all deficiencies)

IV. Minority Views

Select A or B:

- ☒ A. No minority views were submitted or expressed.
- ☐ B. The following minority views were expressed: *[insert minority views here or attach]*

V. Status of AAALAC Accreditation *[identify accredited facilities, if applicable]*

Fully accredited.

VI. Signatures *[signatures of a majority of the IACUC members required by AWAR (§2.31,c,3), if applicable]*

Names of IACUC Members	Signatures
Sarah Allison	<i>(electronically recorded)</i>
Linda Arseneau	
Hong Chen	
Bailey Conrady	
Ryan Dilger	
Dennis French	
Lyndon Goodly	
Joshua Gulley	
Santiago Gutierrez-Nibeyro	
Courtney Hayes	
Jeffrey Hoover	
CheMyong (Jay) Ko	
Daniel Llano	
Erik Nelson	

Jan Novakofski

Marcella Ridgway

Cory Suski

Michael Vitoux

Josh Whitson

Jessica Xu

College of ACES

Inspection Dates: 2/8/2022

Inspection Summary: Instructional laboratory rooms [REDACTED] and [REDACTED] were visited where chicks for teaching labs may be housed and procedures may be performed on chickens. No deficiencies were noted.

Inspection Date: 4/4/2022

Inspection Summary: Cattle, sheep and goats appeared to be in good health and condition. Drugs were all in date. Records were good. Feedlot buildings are in good repair. Working areas are in good repair. [REDACTED] pastures and pens are in good shape. Records were complete. All supplies were current. One minor deficiency was noted.

Deficiency:

Minor - Building [REDACTED] - Gate in alley next to building has broken rail supports with jagged edges.

Correction: Repair or replace gate.

Correct By Date: 6/15/2022

Comments: Cattle do not have regular access to the gate.

Inspection Dates: 2/8/2022

Inspection Summary: Room [REDACTED] was visited where procedures are performed, and food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Dates: 3/24/2022

Inspection Summary: Room [REDACTED] was visited where imaging will be performed. No deficiencies were noted.

Inspection Date: 3/2/2022

Inspection Summary: Unit was empty at time of inspection. Building was in good repair. Graduate students were well-informed regarding proper PPE use during trials. No deficiencies were noted.

Inspection Date: 3/7/2022

Inspection Summary: Animals of all ages appear to be in good condition. At the time of inspection 119 cows were in the milking herd. Buildings and lots were generally in acceptable condition, with a few exceptions. Several minor deficiencies were noted.

Deficiencies:

Minor - [REDACTED] – Large storage feed box lid was off, leaving feed exposed.

Correction: Remind staff to make sure lids are securely placed.

Correct By Date: 5/15/2022

Minor - [REDACTED] - Pipe fence was broken on western fenceline.

Correction: Repair/replace broken fence pipe.

Correct By Date: 6/15/2022

Minor - [REDACTED] - Post on SW corner has ragged bottom.

Correction: Place cap on post end.

Correct By Date: 6/15/2022

Minor - [REDACTED] - Sheathing for 220 volt cord for conveyer belt was coming off at the the plug, leaving the insulated interior wires exposed.

Correction: Repair/replace electrical cord.

Correct By Date: 6/15/2022

Minor - [REDACTED] - There was a drink meant for human consumption in the refrigerator marked "No human food"

Correction: Remind staff that no food or drink meant for human consumption should be stored in refrigerator marked "No human food"

Correct By Date: 5/15/2022

Minor - [REDACTED] - post caps are missing from some posts.

Correction: Place post caps.

Correct By Date: 6/15/2022

Minor - [REDACTED] - roof truss is broken.

Correction: Repair truss.

Correct By Date: 6/15/2022

Minor - [REDACTED] - Drain plugged (west end).

Correction: Clear drain.

Correct By Date: 6/15/2022

Minor - [REDACTED] - There was manure accumulating on top of the meter boxes.

Correction: Clean meter boxes regularly.

Correct By Date: 6/15/2022

Minor - [REDACTED] - CIDRs in parlor office were expired.

Correction: Discard expired drugs, and implement a plan for monitoring expiration dates and disposing expired drugs.

Correct By Date: 5/15/2022

[REDACTED]	Inspection Date: 5/4/2022
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Inspection Summary: All cattle were on pasture at the time of inspection and appeared in good condition. [REDACTED] improvements, with GrowSafe feeders and dry lots have been completed and were used over the winter. Pastures are being managed well, utilizing a variety of strategies to extend grazing season and improve grass quality. Animal observation records were complete. No deficiencies were noted.

[REDACTED] – Investigator Maintained Areas	Inspection Date: 2/8/2022
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Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In [REDACTED] Room [REDACTED] ([REDACTED], housing), which is currently maintained by the PI for ongoing studies, food was stored in an unlabeled secondary container.

Correction: Food stored in a secondary container needs to be clearly labeled with contents and other pertinent information (mill date and expiration date).

Corrected Date: 2/10/2022

Comments: Per the PI's email, animal care staff corrected this issue by labeling the secondary container on 2/10/22.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] [REDACTED] expired Rodent Research Diet (Exp 9/30/2021) was being stored in the refrigerator.

Correction: Expired food and materials need to be discarded and a method should be implemented to ensure discarding of materials at or before the expiration date.

Corrected Date: 2/11/2022

Comments: On 2/14/2022, expired diets were discarded and existing diets were properly labeled by lab personnel ([REDACTED] in Rm [REDACTED]).

PI has again instructed students/postdocs to carefully mark all diets and containers and discard them once expired or the study has ended. The PI has placed a reminder on their calendar (to repeat the reminder) to avoid these problems in the future.

Inspection Summary: Room [REDACTED] was inspected. A few minor deficiencies were noted.

Deficiencies:

Minor - In [REDACTED] [REDACTED], there were 6 bags of diet in plastic storage bags that were not adequately labeled.

Correction: Food stored in a secondary container needs to be clearly labeled with contents and other pertinent information (mill date and expiration date).

Corrected Date: 2/14/2022

Comments: On 2/14/2022, existing diets were properly labeled by lab personnel ([REDACTED] in Rm [REDACTED]).

PI has again instructed students/postdocs to carefully mark all diets and containers and discard them once expired or the study has ended. The PI has placed a reminder on their calendar (to repeat the reminder) to avoid these problems in the future.

Minor - In [REDACTED] ([REDACTED]), there was a plastic bag and a plastic storage container containing a blue diet that were unlabeled or not fully labeled.

Correction: Food stored in a secondary container needs to be clearly labeled with contents and other pertinent information (mill date and expiration date).

Corrected Date: 2/11/2022

Comments: Senior personnel properly labeled the feed on 2/11/22. Appropriate labeling was discussed with the lab.

Minor - In [REDACTED] ([REDACTED]), there were 3 bags of Envigo diet that were expired. Mill date on 1 bag was 1/10/2020 and mill date on 2 bags was 5/14/2021.

Correction: Expired food and materials need to be discarded and a method should be implemented to ensure discarding of materials at or before the expiration date.

Correct BY Date: 6/15/2022

Comments: All diets were removed and disposed of by Senior Personnel on 2/14/22. The PI has discussed timely removal of diets prior to expiration dates.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In the Room [REDACTED] refrigerator, there was a plastic container with a blue liquid with no labeling.

Correction: Food stored in a secondary container needs to be clearly labeled with contents and other pertinent information (mill date and expiration date).

Corrected Date: 2/14/2022

Comments: The secondary food container was labeled Senior Personnel on 2/14/22. The PI has discussed appropriate labeling of diets in secondary containers with their lab.

[REDACTED]	Inspection Date: 1/12/2022
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Inspection Summary: 1/12/2022 The [REDACTED] was inspected where turkey poult [REDACTED] will be housed for [REDACTED], protocol 20195. No deficiencies were noted.

[REDACTED]	Inspection Date: 3/2/2022
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Inspection Summary: A new manager is in place. Areas where bagged feed and bulk feed ingredients are stored were inspected. Areas were organized and clean. No deficiencies were noted.

Inspection Date: 2/16/2022

Inspection Summary: Unit was newly empty at time of inspection. Facility is generally in good repair. Two minor deficiencies were noted.

Deficiencies:

Minor - - there is a crack in the corner of the wall.

Correction: Repair crack.

Correct By Date: 6/15/2022

Comments: Crack is above where pigs can reach.

Minor - - there is a crack in the corner of the wall.

Correction: Repair crack.

Correct By Date: 6/15/2022

Comments: Crack is above where pigs can reach.

Inspection Date: 2/16/2022

Inspection Summary: Horses appeared healthy and in good condition. Fences are in good condition. Records were complete. Barns were clean. One deficiency was noted.

Deficiency:

Minor - - Floorboards at bottom of the south wall of the stallion handling room show significant termite damage.

Correction: Request work order from F&S to repair and determine extent of termite damage within the wall.

Correct By Date: 6/15/2022

Inspection Date: 4/14/2022

Inspection Summary: Pigs of all ages were in good condition. The facility was clean and in good repair. No expired drugs were present. Daily checks are being recorded properly. No deficiencies were noted.

Inspection Date: 2/16/2022

Inspection Summary: Facility is clean and in good repair. No deficiencies were noted.

Inspection Date: 3/31/2022

Inspection Summary: All animals were in dry lots at the time of inspection. Cows with calves and bull calves all appeared in good condition. Lots were muddy due to >2 inches of rain the night before, but dry

areas were available to the cattle. Pastures and fences appeared to be in good condition. Buildings were in good condition. Records, including treatment records, were very thorough. Routine medical treatments were discussed in length. No deficiencies were noted.

Inspection Date: 4/14/2022

Inspection Summary: No animals or surgical records were located in this facility on the day of inspection. The [REDACTED] and recovery pens are clean and in good repair. One minor deficiency was noted.

Deficiency:

Minor - The prep area has some flaking paint and rust on the cabinets.

Correction: Repair/repaint cabinets.

Correct By Date: 6/15/2022

Comments: Manager indicates that these will be taken care of before next surgeries are performed.

Inspection Date: 4/22/2022

Inspection Summary: Facility was in excellent condition, clean and well-organized. No animals were present at time of inspection. No deficiencies were noted.

Inspection Date: 3/2/2022

Inspection Summary: A new interim manager is in place. Birds were being monitored closely and mortality is low. Buildings are in good repair. No deficiencies were noted.

Inspection Date: 3/18/2022

Inspection Summary: No animals were present at the time of inspection. All areas were clean and well maintained. No deficiencies were noted.

Inspection Date: 1/26/2022

Inspection Summary: This facility was in shower in/out mode at the time of inspection. Most animals appeared in good health; some young pigs were being treated and monitored closely. Records are complete. Some new small metabolism crates have arrived, and the remainder are expected early this year. Installation is expected this spring or summer. Facilities are generally in good repair. No deficiencies were noted.



[REDACTED] – PI Maintained Spaces	Inspection Dates: 2/24; 3/3; 3/24/2022
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Inspection Summary: The [REDACTED] vehicle was inspected. Crysler Voyage, License # [REDACTED] -- Both heat and air conditioning work properly and the vehicle was clean.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] were visited where imaging and other procedures will be performed by multiple PIs. No deficiencies were noted.

Inspection Summary: The [REDACTED] was inspected. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging and surgical procedures are performed by multiple PIs. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] were visited where imaging procedures are performed by multiple PIs. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED], formerly [REDACTED] and [REDACTED], formerly [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging and other procedures are performed by multiple PIs. No deficiencies were noted.

Inspection Summary: Inspection of Rm [REDACTED] where procedures and euthanasia will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures may be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging may be performed. Two minor deficiencies were noted.

Deficiency:

Minor - In Room [REDACTED] that will be used for imaging procedures, there was a hole in the wall that needs to be repaired. There was also wall to wall carpeting on the floor which needs to be removed. Flooring should be composed of a material that can be sanitized.

Correction: Re Contact F & S to schedule repair of the wall and removal of the carpet.

Corrected Date: 3/16/2022

Comments: Room will need to be reinspected prior to approval of this space. PI has been told verbally and in email (3/3/22) that no animal procedures may be conducted until this space is approved by IACUC.

Email from PI on 3/16/2022 stated the carpet was removed and wall repaired.

Email from PI on 3/22/2022 stated there were issues with [REDACTED] allowing him to use this room for IVIS imaging. Room [REDACTED] was removed from protocols and will not be used for IVIS imaging or animal use at this time.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where animals may be housed and procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where animals will be housed and procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures may be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] there was a bottle of Virkon 1% solution without mix or expiration dates.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration, mix date and expiration date.

Corrected Date: 2/25/2022

Comments: PI instructed lab on correct labeling of secondary containers. This bottle of Virkon was labeled correctly by a lab member [REDACTED] on 2/25/22.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] several issues were noted.

- 1) The isoflurane vaporizer in room [REDACTED] was past due for calibration (due 2/2020).
- 2) Both the floor and biosafety cabinet where procedures are performed were dirty.

3) The F/air canisters used for filtering waste anesthetic gases were lacking documentation for dates of use and weights for monitoring use. The efficacy of the canister filter diminishes with the amount of use. Poorly functioning filters can result in unnecessary exposure to waste anesthetic gases.

4) In the biosafety cabinet, there was a piece of styrofoam attached to the anesthesia circuit by tape. The styrofoam was very soiled dirty by multiple substances, including what appears to be dried blood. The tape used to attach the circuit was also very dirty with large amounts of black mouse fur stuck to it.

Correction: 1) Anesthesia vaporizers should be serviced yearly and documentation of service should be noted on the machine.

2) Investigators should clean the work area used for animal procedures, including the floor, after each use.

3) The use of these filters should be monitored in accordance with manufacturer recommendations and replaced as needed.

4) The styrofoam and tape apparatus must be disposed of and replaced with material that is sanitizable and able to be cleaned appropriately with each use. .

Corrected Date: 3/30/2022

Comments: Email from PI 4/1/22:

Isoflurane vaporizer was calibrated on 3/30/22 by [REDACTED] technician.

Lab personnel cleaned the surgical space, discarded styrofoam and tape (used to hold isoflurane mask) on 3/16/22. The lab's plan is to replace styrofoam/tape between experiments. On 3/16/22, F/air canisters were replaced with plan to weigh weekly and dispose of at 50 gms.

College of Veterinary Medicine

Inspection Date: 2/15/2022

Inspection Summary: The Clinical Skills exam rooms () was visited where teaching and procedures are performed. Rooms were clean and in good repair. No deficiencies were noted.

Inspection Date: 12/1/2021

Inspection Summary: Indoor areas were clean and in good condition. Fences around outside paddocks and pasture are in good repair. There were several concerns related to general management and monitoring of horses on research and teaching protocols. The housing for the two cows and goat appears to have reverted to the south pens, despite commitments to the IACUC to rehouse the animals in the north paddock.

Deficiencies:

Minor - Pens, including the area under the shelter, were very muddy with an accumulation of feces and no dry area for animals (cattle and goat) to stand or lay down.

Correction: Animals must be provided with an enclosure that allows them to remain dry and have access to food, water and shelter without having to stand or lay in standing water and/or mud.

Correct By Date: 4/01/2022

Minor - Record Keeping - Commitments to track use of individual horses to prevent overuse and to maintain separate groups for research and teaching activities do not appear to be up to date. There appears to be no permanent record of use for individuals, including procedures performed on horses, and no consistent oversight of the management of the horses.

Correction: Documentation of animal use must be maintained as described in the protocol, and be available for review by IACUC or regulatory agencies.

Correct By Date: 7/15/2022

Comments: An IACUC subcommittee will complete their investigation by July 2022.

Minor - In reviewing animal care documents associated with this stallion, it is not clear that the [white] stallion has been exercised out of the stall for an extended period.

Correction: Documentation of whether an animal was exercised or not must be readily available to IACUC or other regulatory agencies, and be consistent with the Ag Guide 2020 exercise requirements.

Correct By Date: 6/15/2022

– PI Maintained Areas

Inspection Date: 2/15 & 3/31/2022

Inspection Summary: Rooms and and were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room was visited where procedures are performed and birds are housed. No deficiencies were noted.

Inspection Summary: Rooms was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] [REDACTED] [REDACTED] and [REDACTED] [REDACTED] were visited where procedures are performed and housing takes place. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] [REDACTED] were visited where animals may be performed and animals may be housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and the [REDACTED] of the [REDACTED] [REDACTED] were visited where animals are housed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] [REDACTED] of the [REDACTED] [REDACTED] were visited where procedures and teaching will be performed. No deficiencies were noted.

[REDACTED] – PI Maintained Areas Inspection Dates: 2/10; 2/15; 3/31/2022

Inspection Summary: Rooms [REDACTED] [REDACTED] [REDACTED] & [REDACTED] [REDACTED] were visited where veterinary teaching takes place. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where animals are housed & procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] [REDACTED] were visited where procedures are conducted and reptiles are housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are conducted and reptiles are housed. One minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] [REDACTED] there was one ceiling light fixture that was not working.

Correction: Contact F&S for repair of the light fixture.

Corrected Date: 2/15/2022

Comments: PI submitted a work order for F&S to repair light on 2/15/22.

Inspection Summary: The snake tank outside room [REDACTED] [REDACTED] was visited. Animal care records were complete. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] [REDACTED] were visited where euthanasia is performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] and [REDACTED] [REDACTED] was visited where procedures and euthanasia will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED] and [REDACTED]) was visited where euthanasia is performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED] and [REDACTED]) was visited where procedures (frogs) and euthanasia (frogs, mice) are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed and food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures and euthanasia will be performed. No deficiencies were noted.

Inspection Summary: The rooms in the [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: The rooms in the [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where gnotobiotic fish will be housed and procedures performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] there was a conical tube in the refrigerator with labeling that was faded and illegible.

There was a bottle of Tricaine in the refrigerator with a label of "Tricaine 1/31". It was not clear if this was a mix date or expiration date, what year this referred to and what the concentration of Tricaine was.

In the hood, there were multiple bottles of "Clean ES" with a date but it was unclear what this date pertained to (mix date or expiration date). One "Clean ES" bottle had two dates but it was not clear what the dates pertained to.

Correction: Drugs and materials stored in a secondary containers need to be clearly labeled with contents and other pertinent information (concentration, mix date and expiration date).

Corrected Date: 2/18/2022

Comments: PI indicated that they informed all lab personnel to clearly label all solutions with prepared dates in an mm/dd/yy format and an expiration date if applicable.

A specific person [REDACTED] was assigned to check all solutions in room [REDACTED] and [REDACTED] every month. This person will discard expired items and inform other lab personnel for improper labeling they identify. A monthly checking record form has been posted in both rooms.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] there was 1 plastic bag of DEHP diet (TD 200539) and 1 paper bag of DEHP diet (TD 200640) which were expired (Mfg date of 20/Oct/20).

Correction: Expired food and materials need to be discarded and a method should be implemented to ensure discarding of materials at or before the expiration date.

Corrected Date: 2/14/2022

Comments: The expired diets were disposed of on 2/14/22 by senior personnel. All diets will be labeled with the date of arrival and date of expiration. Senior personnel will check dates on a regular basis.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In the Room [REDACTED] refrigerator [REDACTED] there were several plastic bags of soft diets with no labeling.

Correction: Food and materials stored in secondary containers need to be clearly labeled with contents and other pertinent information (mill/mix date and expiration date).

Corrected Date: 2/15/2022

Comments: The food in plastic storage bags were placed in secondary containers with appropriate labeling (one for each food) so that it is clear what they are. This was completed by Lab personnel (LR) on 2/15/2022.

	Inspection Date: 11/11/2021
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Inspection Summary: Horses, sheep and pigs appeared in good condition and well-managed. Buildings fences and pastures are in good repair. Record keeping was good, no expired drugs were present. One minor deficiency was noted.

Deficiency:

Minor - [REDACTED] - ceiling panel is warped and damaged. There is a small risk of it falling into the pen where pigs are housed.

Correction: Pen should not be used until ceiling is repaired. Contact F&S to schedule repairs.

Correct By Date: 6/15/2022

Comments: Damage was not very recent, but heavy rain immediately before the inspection did not show presence of active leaks. Since there are plenty of empty pens, use of that pen could be avoided.

Inspection Summary: Pigs (sows and offspring) from protocol 21043 [REDACTED] appeared in good condition and well-managed. One minor deficiency was noted.

Deficiency:

Minor - All buildings where pigs were housed for protocol 21043 had signage indicating the incorrect PI and protocol number and title.

Correction: PI is responsible for correct signage.

Corrected Date: 11/12/2021

Comments: [REDACTED] replied that signs would be corrected the next day. [REDACTED] confirmed that the signs had been corrected.

Division of Animal Resources

██████████ – DAR Maintained Areas Inspection Date: 2/24/2022

Inspection Summary: The facility was well maintained and animal husbandry was good. No deficiencies were noted.

██████████ – DAR Maintained Areas Inspection Date: 2/22/2022

Inspection Summary: The animal care facility was in very good shape and the overall animal care was good. One minor deficiency was noted.

Deficiency:

Minor - Room ████████ had a gas cylinder that was secured with a chain near the bottom of the cylinder.

Correction: Contact F&S to secure the gas cylinder in a manner that prevents it from falling over.

Corrected Date: 2/23/2022

Comments: Facility manager submitted a work order to F&S to correct this issue. Issue corrected 3/7/22.

DAR Vehicles Inspection Date: 4/27/2022

Inspection Summary: Division of Animal Resources vehicles were inspected. Ford Ranger Pickup Truck, License ████████ -- Both heat and air conditioning work properly. Dodge Ram 1500 Van, License ████████ -- Both heat and air conditioning work properly. No deficiencies were noted.

██████████ – DAR Maintained Areas Inspection Date: 2/8/2022

Inspection Summary: The facilities were in good condition and the animals appeared well-cared for. A few minor deficiencies were noted.

Deficiencies:

Minor - In Room ████████ there was a crack in the flooring running the length of the room. In Room ████████ there was peeling paint on the floor near the entrance of the room.

Correction: Contact F&S to repair floor.

Correct By Date: 6/15/2022

Minor - The following rooms had missing electrical outlet covers: Room ████████ in hallway outside of cubicles; Room ████████ Room ████████ Room ████████ hallway outside of cubicles; Room ████████ hallway outside of cubicles.

Correction: Contact F&S to repair outlet receptacles.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] paint was peeling on the paper towel dispenser and wall in the back corner of the room.

Correction: Contact F&S to repair wall and paper towel dispenser.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] paint was peeling from the wall near racks.

Correction: Contact F&S to repair the wall.

Correct By Date: 6/15/2022

Minor - In the Room [REDACTED] hallway, there was paint peeling on the corner wall between cubicles.

Correction: Contact F&S to repair the wall.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] paint was peeling in the back corner on the lower part of the wall.

Correction: Contact F&S to repair the wall.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] paint was peeling on the lower part of the wall.

Correction: Contact F&S to repair the wall.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] there was rust on the metal walls and gates of the pig enclosures.

Correction: Contact F&S to repair the pig enclosures.

Correct By Date: 6/15/2022

Minor - In the hallway outside of Room [REDACTED] there was exposed foam around the door molding.

Correction: Contact F&S to repair the door frame.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] [REDACTED], the floor around the surgical table pit was chipping. Paint was peeling in the corner of the floor under the control panel. A metal ceiling support beam near the surgery area was rusted in spots.

Correction: Contact F& S to repair the floors and ceiling.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] paint was peeling on the cabinets.

Correction: Contact F&S to repair the cabinets.

Correct By Date: 6/15/2022

– DAR Maintained Areas

Inspection Date: 2/8/2022

Inspection Summary: The facilities were in good condition and the animals appeared well cared for. A few minor deficiencies were noted.

Deficiencies:

Minor - In Room [REDACTED] an electrical outlet cover was missing.

Correction: Contact F&S to repair outlet cover.

Correct by Date: 6/15/2022

Minor - In Rooms [REDACTED] and [REDACTED] there was wall paint peeling.

Correction: Contact F&S for repair of the walls.

Correct by Date: 6/15/2022

– DAR Maintained Areas

Inspection Date: 3/10/2022

Inspection Summary: This facility was clean and well maintained. Animal husbandry in this building was good. A few minor deficiencies were noted.

Deficiencies:

Minor - In Rooms [REDACTED] and [REDACTED] there were ceiling light fixtures that were not functioning.

Correction: Contact F&S to repair light fixtures.

Correct by Date: 6/15/2022

Minor - In Room [REDACTED] the ceiling light fixture cover needs to be cleaned.

Correction: Contact F&S to have the light fixture cover cleaned or replaced.

Correct by Date: 6/15/2022

Minor - In Room [REDACTED] there was peeling paint on the floor near the entrance of the room. In Room [REDACTED] paint was peeling on a pipe and ceiling near the entrance door.

Correction: Contact F&S to have the floor repaired and the pipe and ceiling repainted.

Correct by Date: 6/15/2022

– DAR Maintained Areas

Inspection Date: 3/10/2022

Inspection Summary: This facility was clean and well maintained. Animal husbandry in this building was good. A few minor deficiencies were noted.

Deficiencies:

Minor - In Room [REDACTED] there is accumulated debris behind the entrance door.

Correction: Clean the flooring in this room.

Correct by Date: 6/15/2022

Minor - In Room [REDACTED] the cabinets under the sink were rusted.

Correction: Contact F&S to repaint these cabinets.

Correct by Date: 6/15/2022

[REDACTED] – DAR Maintained Areas	Inspection Date: 3/16/2022
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Inspection Summary: The facility was in good shape. Animal husbandry was good. No deficiencies were noted.

[REDACTED] – DAR Maintained Areas	Inspection Dates: 2/10/2022, 3/8/2022
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Inspection Summary: The facility looked good overall. Animal husbandry was good. A few minor deficiencies were noted. The [REDACTED] area was inspected on 3/8/2022.

Deficiencies:

Minor - Temperature tapes were missing for dates in 11/21, 12/21 and 1/22 for both the tunnel and rack washers.

Correction: Cage wash temperature tapes should be run at least weekly per [REDACTED]. Supervisor needs to verify that personnel responsible for running the temp tapes have performed the task.

Correct by Date: 5/15/2022

Minor - Room [REDACTED] there was a bottle of expired Carprofen 5 mg/ml (Exp. 12/21) in the refrigerator.

Correction: Expired drugs and materials need to be discarded and a method should be implemented to ensure discarding of materials at or before the expiration date.

Corrected Date: 2/10/2022

Comments: DAR Veterinary staff discarded the expired drug at the time of the inspection.

Minor - In the hallway between rooms [REDACTED] and [REDACTED] there were 4 cracks running widthwise in the flooring.

Correction: Contact F&S to repair the flooring.

Correct By Date: 6/15/2022

Minor - In Room [REDACTED] there was a container with rodent food but there was no labeling on the container. A second container storing rodent chow was labeled with a date of 12/19/2020.

Correction: Food stored in a secondary container needs to be clearly labeled with contents and other pertinent information (mill date and expiration date).

Correct By Date: 6/15/2022

College of Engineering

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] and [REDACTED] was inspected where imaging procedures may be performed. No deficiencies were noted.

Inspection Date: 2/24/2022

Inspection Summary: Rooms [REDACTED] and [REDACTED] were inspected where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] was inspected where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were inspected where procedures will be performed. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] was visited where fish are housed [REDACTED] No deficiencies were noted.

Inspection Date: 2/24/2022

Inspection Summary: Room [REDACTED] was visited where procedures are performed [REDACTED] No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] in the [REDACTED] was visited where procedures will be performed. No deficiencies were noted.

Illinois Natural History Survey

Inspection Date: 4/26/2022

Inspection Summary: Spaces for temporary holding and for processing reptiles were inspected. Facilities and equipment were clean and well maintained. No deficiencies were noted..

Inspection Date: 4/26/2022

Inspection Summary: Cages for captive wild ducks were inspected. Birds appeared to be doing well. Cleaning regimen seemed to be keeping the birds in good health. Food storage was appropriate. Daily records were being maintained. Cages were generally in good repair though wire floors are beginning to sag significantly.

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] was visited where animals will be housed and procedures may be performed. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: The [REDACTED] was visited where fish are housed and research is conducted [REDACTED]. No deficiencies were noted.

Inspection Date: 10/29/21

Inspection Summary: Wet lab was clean and orderly. Tanks were labeled. Tanks were clean and water chemistry was being monitored appropriately. Food was stored properly. Daily check records were up to date. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: Rooms [REDACTED] and [REDACTED] were inspected where procedures will be performed [REDACTED] Rooms [REDACTED], and [REDACTED] were inspected where animals are housed and procedures will be performed (Dr. Dreslik). No deficiencies were noted.

Inspection Summary: Room [REDACTED] where animals are housed and procedures performed was inspected. Rooms [REDACTED] and [REDACTED] were inspected where animals are housed was inspected. and procedures will be performed. One minor deficiency was noted.

Deficiency:

Minor - In Rooms [REDACTED] and [REDACTED], ceiling ventilation filters were dirty and in poor condition and not allowing the ventilation system to function correctly. A properly functioning and maintained ventilation system is essential in providing an appropriate environmental control in housing areas.

Correction: Filters must be replaced in the listed rooms.

Corrected Date: 4/4/2022

Comments: Email on 4/4/2022, [REDACTED] stated that the filters were replaced on 3/15/22 and 3/22/22 by F&S. Rooms [REDACTED] and [REDACTED] were removed from multiple protocols [REDACTED] via amendment on 3/11/22. [REDACTED] protocol was terminated on 3/14/22.

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] was inspected where animals are housed and procedures are performed [REDACTED]. No deficiencies were noted.

Inspection Date: 10/29/21

Inspection Summary: Inspection was conducted remotely, using photographs supplied by facility staff. Wet lab was clean and orderly, tanks were clean. Outdoor tanks were clean and appropriately labeled. Food and nets were stored properly. Daily check records were up to date. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: Room [REDACTED] [REDACTED] was visited where animals are housed and procedures are performed. No deficiencies were noted.

College of LAS

Inspection Date: 2/22/2022

Inspection Summary: Rooms [REDACTED] [REDACTED] was visited where procedures will be performed for class projects. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: In Room [REDACTED] [REDACTED] was visited where surgical procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures are performed. One minor deficiency was noted.

Deficiency:

Minor - Room [REDACTED] [REDACTED] had a CO2 cylinder that was secured with a bungee cord.

Correction: Gas cylinders must be secured in a manner that prevents them from falling over.

Corrected Date: 3/16/2022

Comments: The PI had the empty cylinder removed on 3/16/22.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where animals will be housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where behavioral testing will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] [REDACTED] (now labeled [REDACTED] and [REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was inspected where procedures will be performed. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: The [REDACTED] was visited where fish are housed [REDACTED] No deficiencies were noted.

Inspection Date: 2/22/2022

Inspection Summary: Room [REDACTED] was visited where imaging will be performed [REDACTED] No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

– PI Maintained Areas

Inspection Date: 2/8/2022

Inspection Summary: Room [REDACTED] was inspected. Several deficiencies were noted and labeled significant due to their repeated nature.

Deficiency:

Minor - In Room [REDACTED] [REDACTED] there was an expired bottle of Carprofen 1 mg/ml Solution (Exp. 12/21) and an expired bottle of Proparacaine hydrochloride Ophthalmic Solution (Exp 1/22).

Correction: Expired drugs need to be discarded and a method should be implemented to ensure discarding of materials at or before the expiration date.

Corrected Date: 2/8/2022

Comments: The drugs were removed by DAR veterinarian at time of inspection.

The PI discussed this with the lab. To avoid this from occurring the lab will input the expiration date of chemicals used onto our group Google Calendar with a 1 week reminder set.

Inspection Dates: 3/10/2022

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] [REDACTED] where visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] and [REDACTED] was visited where procedures are performed. Room [REDACTED] [REDACTED] and [REDACTED] was visited where food is stored. One minor deficiency was noted.

Deficiency:

Minor - In [REDACTED] [REDACTED] [REDACTED] and [REDACTED] there was food stored past its expiration date (Exp. 5/2021).

Correction: Expired food should be discarded and a method should be implemented to ensure discarding of materials at or before the date of expiration.

Corrected Date: 3/28/2022

Comments: Email on 4/1/22 from [REDACTED]-Sr. Personnel [REDACTED] discarded diet and implemented a Google calendar for tracking expired food on 3/28/22.

Inspection Summary: Room [REDACTED] was visited where surgical procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where animals are housed. One issue was noted.

Deficiency:

Minor - Surgical records for stereotaxic intracranial injection surgery performed by [REDACTED] and [REDACTED] lab personnel on 2/15/2022 and 2/28/2022 were missing notation of post-operative monitoring.

Correction: Surgical records should be complete and include all pertinent information about the procedure and post-operative monitoring.

Corrected Date: 3/21/2022

Comments: Photos of surgical records sent to PI 3/15/22

PI email 3/21/22: PI met with lab personnel who perform surgeries to discuss appropriate post-operative monitoring. Lab will also reread the IACUC protocol before IC surgeries and will keep post-operative monitoring description near surgical area. Lab personnel will report to PI weekly to indicate they have completed post-op monitoring and there is a backup plan in place to ensure someone is available for post-op monitoring should issues occur.

PI reported protocol deviation regarding inadequate documentation of post-operative monitoring.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] there were some cage cards that had information that was illegible.

Correction: Cage cards need to contain updated and complete, clearly written information.

Corrected Date: 3/11/2022

Comments: Email from PI on 3/24/22: The unclear labels were corrected senior personnel [REDACTED] on 3/11/22. PI stated the plan to correct this recurrent issue is to ask the students to label the cards more carefully and clearly in the future. PI stated they cannot use the pre-printed labels because of the format (adhesive) and template.

Additional email from PI 4/29/22:

- 1) PI will go through this labeling issue with all the lab members and re-do a training on how to properly label the mouse cages during the week of 5/1/22.
2. PI will assign second lab member to help check the cage labeling. Currently, this is mainly taken care of by one graduate student.

The lack of adequate information on cage cards was been noted as a deficiency on 2/27/19 and 9/14/21. PI's reply to IACUC on 9/14/21 indicated that the lab's plan to correct this situation was to use pre-printed labels. There were no pre-printed labels observed during the inspection on 3/10/22.

Inspection Date: 3/10/2022

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed and animals are housed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where multiple procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspected. One minor deficiency was noted.

Deficiency:

Minor - In [REDACTED], Room [REDACTED] there was a bag of Lafeber bird food that was expired (2/14/2022) and had dried brown material on the bag.

Correction: Expired food needs to be discarded and a method should be implemented to ensure discarding of materials at or before the date of expiration. Food containers should be kept clean to prevent contamination of the food.

Corrected Date: 3/11/2022

Comments: PI e-mailed the food had been discarded by senior personnel ([REDACTED]) on 3/11/22. PI stated they no longer use this type of food.

Inspection Summary: Room [REDACTED] was inspected. A few minor deficiencies were noted.

Deficiency:

Minor - In Room [REDACTED], there was a lot of fish food spillage on the blue lids of the smaller fish tanks.

In Room [REDACTED] there was no documentation that fry fish being fed on the "Fry fish sign off" sheet after 3/6/2022.

In [REDACTED] where food is stored, there was an accumulation of dried material and food in the small refrigerator, particularly along the refrigerator's gasket. Additionally, this refrigerator's signage says "Animal Feed Refrigerator, Animal Feed and Water Only" but bags of non-food items (Elastomer materials) were stored in it.

Correction: Food spillage must be cleaned up immediately to minimize its potential to attract pests and prevent contamination.

Feeding of fish must be documented daily as described in the protocol.

Food spillage in the refrigerator must be cleaned up immediately to minimize contamination. The signage and storage for this refrigerator should be reassessed.

Corrected Date: 3/11/2022

Comments: Food was cleaned from the fish tank lids and a method has been implemented to ensure that food accumulation is kept to a minimum in the fish housing units.

Documentation of feeding has been corrected and a method has been implemented to ensure appropriate documentation in the future.

The refrigerator located in [REDACTED] has been cleaned. All items have been removed from the minifridge until signage is updated.

Research personnel [REDACTED] corrected these issues on 3/11/22.

Inspection Date: 3/16/2022

Inspection Summary: Individual laboratory room [REDACTED] was visited where procedures are performed for teaching. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] & [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] & [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Date: 3/8/2022

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where salamanders will be housed and procedures performed [REDACTED]. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] were visited where fish are housed and procedures are performed [REDACTED]. Room [REDACTED] was visited where procedures are performed and food is stored. No deficiencies were noted.



Proposal for Activities Involving Animals

0: Title

Proposal Title

Investigating the pharmacokinetics, tolerability, and anticancer activity of IB-DNQ in the domestic cat

Project Type

☒ Research ☐ Teaching ☐ Breeding ☐ Other

Principal Investigator (PI)

Name: [REDACTED]

Net Id: [REDACTED]

In the context of IACUC protocols and compliant animal use, someone may be considered as the PI if they have responsibility and authority for the research or teaching activities being conducted, and for the staff and students participating in the work. This level of control and responsibility typically falls to a faculty member that reports directly to a Department or Unit Head. There are occasional exceptions when someone other than a faculty member has the required authority. If you have any questions, please contact the IACUC Office at iacuc@illinois.edu, or 333-7789.

PI Responsibilities:

- The Principal Investigator (PI) agrees to comply with all federal and state laws, regulations and guidelines and all institutional policies and procedures concerning the care and use of animals in research, teaching and extension.
- The PI affirms that this proposal does not unnecessarily duplicate previous research.
- The PI is responsible for obtaining IACUC approval in writing before making any changes in project procedures, personnel, locations, numbers or species of animals to be used.
- The PI agrees to notify, within 24 hours, the DAR or AACUP veterinary staff and the IACUC Office of all unexpected illnesses, injuries, or deaths occurring to animals assigned to this protocol.
- The PI agrees to notify, within 24 hours, the DAR or AACUP veterinary staff and the IACUC Office of all deviations from the procedures described and approved in this protocol.
- The PI is responsible for ensuring that the description of animal use in this protocol is the same as that described in intramural and extramural proposals approved for funding.
- PI agrees to notify the IACUC Office if he or she leaves the University, or will be away from campus for an extended period (such as sabbatical), so that a resident PI can be approved or the protocol can be terminated.

If you have any questions, please contact the IACUC Office by telephone at 333-7789, or e-mail at iacuc@illinois.edu.

☒ I have read and accept these responsibilities.

Senior Personnel

Senior Personnel must be qualified to make decisions if the PI is absent or unavailable.

Senior Personnel have complete edit access to this protocol and receive all correspondence.

Name	Net Id	Email
[REDACTED]	[REDACTED]	[REDACTED]