

Subject: Hazardous Material Use in Animals

Source: Institutional Animal Care and Use Committee (IACUC)

Effective Date: 01/12/2026

Replaces: 08/09/2010

Applies to: Personnel involved in Research or teaching studies involving animals.

Reference: Animal Welfare Act; PHS Policy on Humane Care & Use of Laboratory Animals.
Guide for the Care & Use of Laboratory Animals

The Institutional Animal Care and Use Committee (IACUC) maintains oversight review for federally mandated rules and regulations with regard to animal research, ethics, misconduct and biomedical research for the University of Colorado Denver | Anschutz

Policy Statement

This policy is intended to detail the requirements for administration of hazardous materials to animals and to establish procedures to be followed.

- The IACUC has a responsibility to address hazardous material use (e.g. infectious agents, recombinant DNA, toxic chemicals or radioisotopes) as it relates to animal use and the personnel involved.
- Each protocol which involves hazardous material use submitted to the IACUC for review will require prior or concurrent review by the Institutional Biosafety Committee (IBC) or the Committee on Ionizing Radiation (CIR) if radioactive materials are used. IBC or CIR approval may be obtained before final approval by the IACUC.
 - The use of infectious, potentially infectious, recombinant DNA or biological toxin material at CU Denver requires review and approval by the Institutional Biosafety Committee (IBC) before initiation of the project. Environmental Health and Safety Biohazards Information Forms may be downloaded from research.cuanschutz.edu/EHS (Biosafety Officer 303-724-0235).
 - The use of radioactive materials at CU Denver requires review and approval by the Committee on Ionizing Radiation (CIR) before initiation of the project. Environmental Health and Safety Radioactive Information Forms may be downloaded from research.cuanschutz.edu/EHS (Radiation Safety Officer 303-724-0234).
- In some cases, the IACUC may grant approval prior to IBC or CIR approval (e.g. for grant submission purposes), but the Investigators will not be able to order animals nor initiate the experiments until final IBC or CIR approval has been obtained. Each request for IACUC approval prior to IBC or CIR approval will be considered and reviewed by the IACUC on a case-by-case basis.
- The use of cytotoxic drugs or other hazardous chemicals at CU Denver | Anschutz requires completion of mandatory Hazardous Chemical Waste Generator training.
- The appropriate waste segregation and disposal procedures will be documented on the Hazardous Material Information Questionnaire form, to develop the SOP for each hazardous drug or chemical.
- OLAR Facility Management must be notified prior to administration of hazardous materials.
- Questions should be directed to the Environmental Health and Safety Hazardous Waste Manager, 303-724-0294.

Per regulatory requirements, failure to comply with this policy may result in notification of your funding agency (e.g. NIH) and regulatory agencies (e.g. USDA) that your research has violated federal and/or local policies regarding the humane use of animals. This notification may affect continuous funding of your animal-related research. Further, depending on the violation, you may be required to take additional training and/or your privilege to conduct animal research at CU Denver | Anschutz might be temporarily suspended or even completely revoked.