

# Introduction to Laboratory and Animal Research

## **Office of Research Committee Support (ORCS Office)**

- Institutional Biosafety Committee (IBC)
- Institutional Animal Care and Use Committee (IACUC)
- Radiation Safety Committees (CIR, huCIR, RDRC, RPOC)

# Committees

- Required by law
- Made up largely of volunteers
- Meet regularly or ad hoc
- Member makeup must meet all regulatory guidelines appropriate for each
  - Public Health Service Policy and other NIH Guidelines
  - Requirements of other funding agencies – DOD, VA, etc.

# Protocol Considerations

## Regulations Require:

- Protocols be reviewed & approved by the respective committee(s) **before** procedures can be conducted.
- Goals of the study clearly stated in lay terms
- Justification for the use of animals, biohazardous materials, radioactive materials, etc.



# Institutional Animal Care & Use Committee (IACUC)

- Working to protect animals involved in research at CU Denver | Anschutz Medical Campus.
- Any use of live animals for research or teaching must be reviewed and approved by the IACUC.



# Institutional Biosafety Committee (IBC)

- Responsible for ensuring that activities at the University that involve the following are in compliance with the National Institutes of Health (NIH) Guidelines for Research involving recombinant DNA molecules and all other applicable federal, state and local requirements
  - recombinant DNA products
  - transgenic animals
  - infectious/biohazardous materials
  - use of human tissues (outside of clinical applications)
  - biologically produced toxins
  - Select Agent toxins
  - Other – new stuff coming all the time!
- Clinical Trials involving Human Gene Transfer or Live Vaccine investigational compounds may require IBC review. There is a separate application process for clinical trials subject to IBC review, and the IBC review must occur before IRB review & approval may proceed.

# Radiation Safety Committees

- To use radioactivity on campus, you must go through the review process by submitting your application to one of the Radiation Safety Committees.
- Please contact: [RDRC@ucdenver.edu](mailto:RDRC@ucdenver.edu); (303) 724-4743

# Timelines and Meeting Frequency

- For IACUC & IBC protocols, approval can take 40-45 days, depending
  - IACUC meets once per month (2<sup>nd</sup> Monday)
  - IACUC Amendment Subcommittee meets twice a month
  - IBC meets once a month (3<sup>rd</sup> or 4<sup>th</sup> Monday)
  - Some amendments can be approved administratively, depending on what is added
  - See website for meeting dates and deadlines



# What's first? Contact us!

- ▶ PI needs can vary greatly from project to project
  - ▶ Congruency check?
  - ▶ Will they be studying USDA-covered species?
  - ▶ Will they be using transgenic lines or IBC-covered materials in live animals?
  - ▶ Will they be using hazardous materials?
  - ▶ Where will the animals be housed and where will the work take place?
  - ▶ Who is the funding institution?
  - ▶ Are there other associates on the protocol?
- ▶ The ORCS can answer any questions regarding the protocol approval process and federal, state, or other regulations pertaining to biomedical research. We can also put PIs in contact with veterinarians, facility staff, and other researchers for help.



# Budgeting

Make sure to budget for occupational health expenses and allow for adequate time for associates to be cleared

Billing rates and other information for the animal program are available on the OLAR intranet site:

<https://research.cuanschutz.edu/olar/home/researcher-tools/per-diem-information>



# ORCS Website

<https://research.cuanschutz.edu/committee-support>

Forms and Submission Instructions

Submission Deadlines

Program Requirements

Policies/Updates

Contact Information

And more!

# Questions?

## Contact the ORCS Team

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