

# OLAR – IACUC Town Hall Meeting

Tuesday February 6, 2018



# Agenda

- eSirius update
- AAALAC site visit
- Questions

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**"I really enjoyed your presentation.  
During the third hour, my spirit  
left my body and went to the beach!"**

# eSirius Update

## New IACUC and Animal Facility Management Software



# eSirius Summary

- NTM software company (20 years in business)
- Animal facility and Program Management program
- Multiple modules
  - IACUC protocols
  - Census
  - Animal Orders
  - Billing
  - IBC
  - Veterinary Care
  - Training





# eSirius Summary

- NTM software company
- Animal facility and Program Management program
- Multiple modules
  - IACUC protocols – **LIVE January 1**
  - Census – **Live January 15**
  - Animal Orders – **Live January 22**
  - Billing – **Live January 29**
  - IBC – **In process**
  - Veterinary Care – **in process**
  - Training – **in process**



# IACUC Protocols

- HAND transferred into new system
- Topaz version of protocol attached to new protocol
- New numbers – keep same # at 3 year renewal!

## Researcher Tasks (Required at 3 year renewal)

- Review all sections
  - New form so about 90% transferred
- Correct formatting
- Answer new questions
- Experimental agents - need to add dose, route info
- IBC agents – need to add dose, route info and confirm correct agents transferred

# IBC Protocols

- Will transition as protocols are renewed
- Working on a GO LIVE date for this spring
- Tightly linked to IACUC
  - Agents will show on IACUC

## Researcher Tasks

- None at this time





# Training

- In person training dates will continue to be offered
  - Dates will be posted
- Electronic training documents
- One-on-one, lab, and department training
  - Contact Lorraine Bell – [Lorraine.Bell@ucdenver.edu](mailto:Lorraine.Bell@ucdenver.edu)

## Next Training

- Friday February 9 – IACUC module and Animal Order Training
  - **RC1 – P18-1004** - 9:00 AM – 11:00 AM

\*\*This is **NOT** is a computer lab so please bring your laptop or tablet



# Financial Modules

- Trial Invoices
  - Weekly posting of current charges for month
    - *Cage census (per diem charges)*
    - *Special Services*
    - *Animal Orders*
  - Available to PI, Administrators, Lab Managers
  - Permissions – Carolyn Russell or Laura Richardson
- 6 Month Rolling Invoices
  - Monthly Invoices from previous 6 months



# Cage Cards

- No longer need to turn in white cage cards
- Speedtype changes
  - Use Speedtype Change Authorization Form
    - *OLAR Website – Billing Page* [www.ucdenver.edu/olar](http://www.ucdenver.edu/olar)
    - *Send to Carolyn Russell* ([Carolyn.Russell@ucdenver.edu](mailto:Carolyn.Russell@ucdenver.edu)) or *Nichole Montero* ([Nichole.Montero@ucdenver.edu](mailto:Nichole.Montero@ucdenver.edu)).
- Stickers printed for placement on cage cards after completion in the system.

\*\*\*Scratching out speedtype at cage level without the steps above will **NOT** result in a change in the system

# System Permissions

- Continue to be some issues
- If unable to see something in system or find errors
  - Contact Laura Richardson ([Laura.Richardson@ucdenver.edu](mailto:Laura.Richardson@ucdenver.edu))





University of Colorado  
Denver | Anschutz Medical Campus





March 5 – March 8, 2018

4 Site Visitors



University of Colorado  
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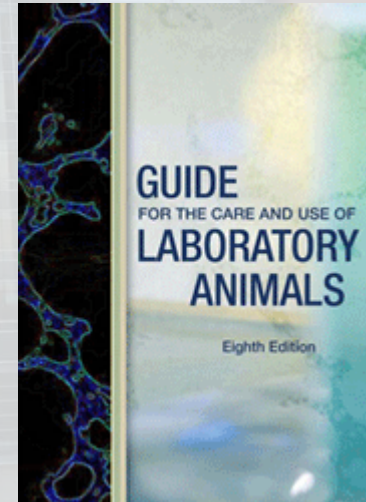
# Site Visit Schedule

- Monday March 5
  - Program review
  - Meeting with IACUC
  - Begin visiting vivariums
- Tuesday March 6
  - Vivarium and laboratory visits
- Wednesday March 7
  - Continue vivarium and laboratory visits
  - IACUC paperwork review
- Thursday March 8
  - Continue Facility and laboratory visits
  - Continue IACUC paperwork review
  - Exit Briefing



# Important Items To Remember

- Know your protocol
  - Make sure those working on protocol know where to find it
- Don't make things up
  - It's ok to say you do not know
- Check all materials for expiration dates
  - Please toss
- Clean and organize spaces
- Don't be afraid





# 2015 Suggestions For Improvement

1. Signage in lab areas for reporting animal concerns
2. Flow meters for CO2 euthanasia
3. IACUC Policies not consistently followed
4. Validate that hand cleaned equipment is being sanitized
5. Pest control program in ABSL
6. Label expiration dates on secondary feed containers in 2 locations





# Reporting Animal Welfare Concerns



“No facility employee, committee member, or laboratory personnel shall be discriminated against or subject to any reprisal for reporting violations.”- Animal Welfare Act

In compliance with the Animal Welfare Act and the *Guide for the Care and Use of Laboratory Animals*, the Institutional Animal Care and Use Committee (IACUC) and Institutional Official (IO) will investigate any reported animal welfare concern.

To file a report:

- Submit a written report to any of the contacts below.
- If possible, the report should include the date, time, location, animal species, animal identification, personnel involved, and any other relevant information.

The reporter’s identity will be kept confidential. **Anonymous reports are accepted via the CU EthicsLine.**

Contacts IACUC office:

Director IACUC office:

Institutional Veterinarian:

Anonymous CU EthicsLine:

[IACUC@ucdenver.edu](mailto:IACUC@ucdenver.edu)

[mark.douse@ucdenver.edu](mailto:mark.douse@ucdenver.edu)

[jori.leszczynski@ucdenver.edu](mailto:jori.leszczynski@ucdenver.edu)

<http://www.ethicspoint.com/>

Or call: 1-800-677-5590

# IACUC Policies

- Animal restraint
  - Animals in restraint devices for longer than 15 minutes required to be justified in IACUC protocol
- Social Housing
  - Social species required to be socially housed or justified in IACUC protocol
- Enrichment
  - Animals housed without enrichment or a variance to police must be justified in protocol
- Aseptic Technique during surgery



# Why is Aseptic Technique Important?

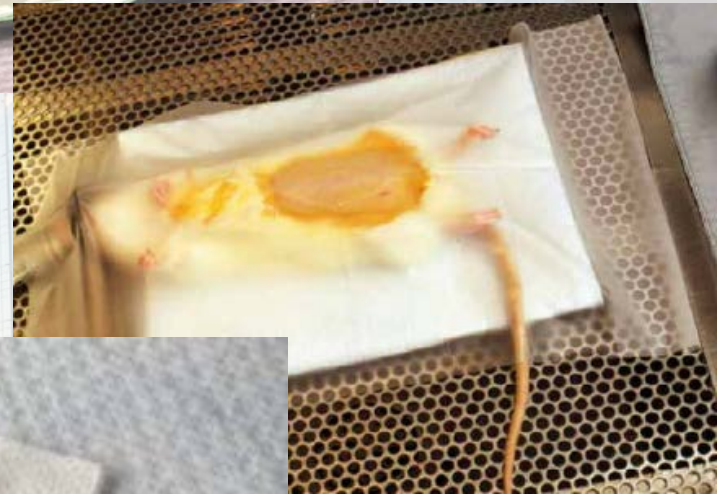
- Prevent post-operative infections
- Effects of subclinical infections
  - Inflammation
  - Blood glucose changes
  - Body weight changes
  - Wound healing
  - Implant failure
  - Behavioral tests





# Key Aspects of Aseptic Technique

- Sterile supplies
  - Must begin with autoclaved instruments
  - Includes all other materials that will come in contact with the surgical site
- Shave and clean surgical site
- Surgical drape





# Key Aspects of Aseptic Technique

- Maintain sterility through the procedure
  - Sterile gloves or “Tips-only” technique
  - Careful where instruments are placed
- Serial surgeries
  - Only use bead sterilizer if using tips only technique, otherwise **MUST** use freshly autoclaved instruments.
- Face mask
- Hair bonnet



# Rodent Anesthesia Record

- Documentation of anesthesia and analgesia administration is required for all surgeries
- Keep at lab level, but must be readily available to IACUC/site visitors/vet staff
- Modifiable template on OLAR website
  - <http://www.ucdenver.edu/research/OLAR/Pages/Resources.aspx>

# Training

- Required that all new PI labs and significantly new surgical procedure have veterinarian observe
- Training can be performed by:
  - Qualified laboratory staff
  - Veterinary staff (no cost)
    - Contact Derek Fong ([Derek.Fong@ucdenver.edu](mailto:Derek.Fong@ucdenver.edu)) or Melissa Card ([Melissa.Card@ucdenver.edu](mailto:Melissa.Card@ucdenver.edu))



# Resources

- JOVE
  - Principles of Rodent Surgery for the new Surgeon (<http://www.jove.com/video/2586/principles-of-rodent-surgery-for-the-new-surgeon>)
- Procedures with Care
  - Aseptic Technique in Rodent Surgery (<http://www.procedureswithcare.org.uk/aseptic-technique-in-rodent-surgery/>)
- CU Denver IACUC Aseptic Technique Policy
  - <http://www.ucdenver.edu/research/OLAR/Pages/Policies.aspx>





# Isoflurane Vaporizers

- Must be calibrated yearly
- Scavenging
  - Vacuum line
  - Charcoal
    - *Active or passive*
    - *Must have method of weighing canisters or tracking time*



# Questions

