

CSU IBC Meeting- Approved Minutes

Meeting title	CSU IBC Meeting December 2025
Date	December 10, 2025
Convened at	12:01PM MST
Location	Microsoft Teams (Virtual Meeting)
Open or closed meeting (If closed, why?)	The Meeting was open for the entirety of the meeting.
Review of prior meeting minutes	November 12, 2025, meeting minutes approved as written.
Adjournment	12:25 PM MST
Recorded by	M. Ramey & C. Johnson

Attendees

Check if Attending (Members):	Check if Attending (Alternate Members):
<input checked="" type="checkbox"/> Jessica Ayers, Animal expert	<input type="checkbox"/> Lon Kendall, Director LAR
<input checked="" type="checkbox"/> Donald Bade, Unaffiliated	
<input checked="" type="checkbox"/> Angela Bosco-Lauth, Veterinary Virology	
<input checked="" type="checkbox"/> Chaoping Chen, Chair	
<input checked="" type="checkbox"/> Jason Cummings, lab representative	
<input type="checkbox"/> Dan Frazen, Unaffiliated	
<input checked="" type="checkbox"/> Brendan Podell, Mycobacteria specialist	
<input type="checkbox"/> Ann Powers, Virology	
<input checked="" type="checkbox"/> Robyn Roberts, Plant expert	
<input checked="" type="checkbox"/> Joanie Ryan, Assistant Biosafety Director	<input type="checkbox"/> Rebecca Moritz, Biosafety Office Director*
<input checked="" type="checkbox"/> Tony Schountz, Virology	<input checked="" type="checkbox"/> Christine Johnson, IBC/IRE Manager, Alternate-at-Large*
Quorum = 6 voting members; _9_ in attendance	*non-voting at this meeting
Non-Voting Members:	
<input type="checkbox"/>	
<input type="checkbox"/> Joni Van Sickle, Occupational Health Coord.	
ORCC Staff (non-voting):	
<input checked="" type="checkbox"/> Michelle Ramey, Assistant Compliance Coord.	<input type="checkbox"/> Sonia Aleman Rivera, Assistant Biosafety Officer
<input checked="" type="checkbox"/> Nicole Marlenee, Biosecurity Specialist	<input checked="" type="checkbox"/> Kelly Kim, Assistant Biosafety Officer
<input checked="" type="checkbox"/> Scott Van Scotter, Biosafety Trainer	
Additional Guests:	
Mario Arango; 2 members of the public	

Quorum was maintained throughout. Any member with a conflict of interest left the meeting during discussion and/or committee determination on the conflicted items.

1. Review of November 12, 2025, IBC meeting minutes

The minutes were approved as written.

2. Agent/Project Review

a. PI name/Lab	Halstead Lab– Assigned Reviewer: Chaoping, Angela, Joanie
Project Number and Title	25-074B: Investigating totipotency in bovine embryos and stem cells
Project Overview	This project aims to understand how early mammalian cells acquire and subsequently lose the ability to form all cell types in the body, a property known as totipotency. The lab uses bovine embryonic stem cells (bESCs) as a model.
Planned Modifications	Different genes will be overexpressed or knocked out in bESCs using siRNA
Pathogen Registration Forms	NA
NIH Guidelines Section	III-E
Proposed containment conditions (BSL, ABSL, etc.)	BSL2
Discussion	<p>This is a new PI/Lab registration:</p> <ol style="list-style-type: none"> 1. The IBC requested more information regarding how CRISPR and siRNAs are introduced into the cells. If plasmids are used, they need to be associated with the Project. 2. Additionally, the IBC requested: 1) More information as to when each disinfectant will be used and the contact time. 2) Eye protection should always be worn in the laboratory, not just when handling chemicals/liquid nitrogen. PPE should be updated to reflect this. 3) Will the plasmids contain more rDNA than the reporter genes listed? What about the gene knockdowns? Request a full picture of how the cell lines are being modified.
Project Number and Title	25-075B: Modeling early developmental failure in embryoids
Project Overview	This project uses in vitro stem-cell–derived embryoid models to study the earliest stages of human development and understand how genetic variation can disrupt normal embryogenesis.
Planned Modifications	CRISPR-based genome editing methods will be used in cell culture to assess gene functions
Pathogen Registration Forms	NA
NIH Guidelines Section	III-E
Proposed containment conditions (BSL, ABSL, etc.)	BSL2
Discussion	<ol style="list-style-type: none"> 1. The IBC requested: 1) More information as to when each disinfectant will be used and the contact time. 2) Eye protection should always be worn in the laboratory, not just when handling chemicals/liquid nitrogen. PPE should be updated to reflect this. 3) Will the plasmids contain more

	rDNA than the reporter genes listed? What about the gene knockdowns? Request a full picture of how the cell lines are being modified.
Verification of training	Personnel need to complete the Biosafety cabinet training.
Verification of facilities	Lab is due for a biosafety outreach visit.
Motion	A motion was made to approve the registration with modifications described above (see Discussion).
Vote	The motion was unanimously approved.

3. Amendments requiring full IBC review

None

4. New Business

a. NIH Initiative to Modernize and Strengthen Biosafety Oversight

(<https://osp.od.nih.gov/policies/biosafety-and-biosecurity-policy#tab2/>)

The NIH is revamping the NIH Guidelines and conducting regional listening sessions to collect stakeholder feedback. CO is in region 5; our listening session will be in February. Anyone can attend any session, however you can only comment during your region. As a reminder, comments made on behalf of CSU need to be approved. Individuals who want to comment need to disclose that they are making personal comments and state that it is their own and not the institution's.

5. Unfinished Business

TABLED from September meeting – additional information added

a. PI name/Lab	McKay Lab – Assigned Reviewer: Robyn, Jason, Joanie
Project Number and Title	25-059B: Identification of Durable Disease Tolerance Gene(s) under Drought Stress in Maize
Pathogen Registration Forms	Bacteria - Xanthomonas vasculorum
NIH Guidelines Section	NA
Proposed containment conditions (BSL, ABSL, etc.)	BSL1/BSL1-P
Discussion	The committee reviewed the information added by the PI and had no further corrections/questions.
Motion	A motion was made to approve the project as written.
Vote	The motion was unanimously approved.

6. Reports

a. Coordinator's Report	1. Next IBC meeting: Wednesday, January 21, 2025
b. Biosafety Office Report	1. Inspections update: Biosafety is currently conducting lots of BSL1/2 lab visits; these are going well 2. Incident Reports: none to report

7. Public Comment:

There were no public comments.

8. Items to be read into the minutes

a. Items Reviewed at Previous IBC Meeting and Approved After Modification were completed	1. Goodrich Lab Project: <u>Production and use of multivalent immunoglobulin Y antibodies as a prophylactic and therapeutic tool (25-072B)</u> ; BSL2/ABSL1. NIH Guidelines category non-exempt rDNA: NA 2. Woerman Lab (amendment) Project: Investigating prion strain biology (23-039B); BSL2/ABSL2, rDNA. NIH Guidelines category non-exempt rDNA: III-D-2
2. Items Reviewed and Approved by the Biosafety Officer or Chair since the last meeting	None