

Illinois State University
Institutional Biosafety Committee (IBC) Meeting Minutes

Date: 5/21/2026

Location: JH 228 & Zoom

Start time: 1:05 p.m. **End time:** 1:59 p.m.

Members Present: Adam McCrary, Tom Hammond, Kathy Spence, Wolfgang Stein, Harmony Kiley, Tom Anderson (Joined 1:07pm), Riley Francis (Joined 1:30pm)

Members Absent: Viktor Kirik, Amy Gilliland

Guests Present: None

Staff Present: Jessica Lowe, Zach Miner

I. Chair Reminder- Declare Conflicts of Interest for Protocol Review

a. None

II. Review of 4/16/2026 IBC Meeting Minutes

a. Approved

Motion: WS motioned to approve, AM seconds

For: 5; **Against:** 0; **Abstain:** 1

III. Prior Business

a. None

IV. Protocol Review

a. **Full Committee Review- New Applications**

i.

IBC Protocol #	PI	Title	BSL	Risk Group	Building
IBC-2026-0000050	John Sedbrook	Manipulation of <i>Odontarrhena</i> species DNA and transgenic plants	1	1	SLB

Project Overview:

Cloning and subcloning of *Odontarrhena corsica* and *Odontarrhena chalcidica* (*Odontarrhena*) genomic DNA and cDNA into disarmed *Escherichia coli*, *Agrobacterium tumefaciens*, and/or *Agrobacterium rhizogenes*. Introduction of DNA fragments into *Odontarrhena* plants using standard *Agrobacterium*-mediated transformation techniques. Overall goal is to generate and validate molecular and genetic resources for the emerging phytomining community, to study plant genes affecting agronomically relevant traits in critical minerals-accumulating plant species, and ultimately to domesticate and commercialize *Odontarrhena* for nickel phytomining.

Risk Assessment/Discussion:

Low

Training:

CITI Training certificates were included in the protocol.

NIH Guidelines Section:

Work subject to NIH Guidelines.

Occupational Health Representative Review:

This protocol does not require any medical screening. Appropriate controls are in place to mitigate injuries and lab-acquired infections.

Additional Comments:

- **Options:** Please select yes for microorganisms/infectious agents and include E. coli and agrobacterium info in the microorganism infectious agent section of the protocol.
- **Overview:** Change from ABSL1 to BSL1.
- **NIH Guidelines:** Select III-E1, Appendix C1 and C-II
- **Vectors/Plasmids:** Under "Select all applicable anticipated effects", change to innocuous.
- **Facilities:** Change all rooms to BSL1.
- **Facilities:** Add greenhouse facilities and rooms containing growth chambers. Provide IBC Office with the room numbers to be added to Cayuse.
- **Facilities:** Add Serial # 3049 to Model NU-201-430. Model NU-425-600 is a biosafety cabinet, not a laminar flow hood. Include the Serial #70898. Check Class II Biosafety Cabinet.
- **Transport/Shipping:** Add "and to autoclave room and greenhouse" if appropriate.
- **Safety:** Change autoclave temp to 121 degrees C.
- **Safety:** Please specify what hospital disinfectant you are using.
- **Safety: (Solid or Liquid Waste Treatment with Autoclaves)** Typo: "Utensils and plant growth trays will be disinfected either by soaking overnight in a 3% bleach solution ___OR___ by thorough wiping with paper towels or Kimwipes saturated with a 10% bleach solution"
- **Safety: (Describe what you will do if you are exposed to any biological agents):** Should be ingestion and not injection.

Motion: Approve pending minor modifications listed above, with IBC chair review and confirmation. WS motioned to approve, AM seconds	For: 6	Recuse:0	Against: 0	Abstain: 1	Absent: 2
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b. Full Committee Review- Amendments

- i. None

c. Designated Member Review- Amendments

- i. None

d. Member Review- Upcoming for June Full Committee Review

- i. Dahl 05B-2025 (IBC-2026-0000054)
 - 1. Ready for member review
- ii. Dahl 06B-2025 (IBC-2026-0000053)
 - 1. Ready for member review
- iii. Dahl/Wilkinson 05B-2023 (IBC-2026-0000055)
 - 1. Ready for member review
- iv. Sedbrook 06B-2023 (IBC-2026-0000052)
 - 1. Ready for member review
- v. Vidal-Gadea 03B-2025
 - 1. Not submitted in Cayuse yet
- vi. Calderon 01B-2023 (IBC-2026-0000045)
 - 1. Still awaiting completion of training
- vii. Sadd IBC-2025-0000025
 - 1. New protocol; Still awaiting revisions
- viii. Gatto 12B-2022 (IBC-2025-0000030)

1. Inactive; Still awaiting revisions
- ix. Wilkinson 04B-2023
 1. Inactive; PI will submit new protocol

V. New Business

- a. Managing protocols that expired due to PI's not submitting previous protocols in Cayuse or not responding to IBC revisions prior to expiration date. Potential notification to NIH and external funding agencies of administrative lapse. Email sent to PIs asking for info about work completed since the protocol expiration dates.
- b. Wolfgang's last IBC meeting – Thank you for your time, assistance, professionalism, and patience!
- c. Suzanne Nolan – Schedule onboarding for Cayuse and IBC orientation.
- d. Biosafety Manual – Updates needed including protocol administration.

VI. Review of Incidents

- a. None

VII. Inspections/Ongoing Oversight

- a. Four labs in FSA were inspected, and the results of the inspections were reported to PIs, Biology Director, and IBC Chair.
- b. Lab inspections concluded for academic year.

VIII. IBC Training

- a. None

IX. Public Comments

- a. None

X. Open Discussion

- a. None

XI. Next Scheduled Meeting Date

- a. Emergency Meeting scheduled for 5/21/2026 @ 11:00 am.
- b. Scheduled for Tuesday, June 2nd 1:00-2:30 p.m. Discussion of if meeting is still needed after 5/21/26.
- c. 2nd meeting scheduled for Thursday June 18th 1:00-2:00 p.m.
- d. JH 228 and Zoom

XII. Adjournment

- a. AM moved to adjourn the meeting at 1:59 p.m. TH seconded.