

**Bowdoin College  
Institutional Biosafety Committee  
Meeting Minutes**

**Date: March 4, 2026**

**Time: 11:00AM – 12:00PM**

**Location: Zoom (virtual)**

**Members present: A. McBride (Chair), S. Fussell, A. Lage (Animal Expert), C. Wojtysiak, A. Loeffler, and M. Henderson**

**Members Absent: P. Countway**

**Guests: E. Murphy (IBC Administrator)**

**1. CALL TO ORDER / COI STATEMENT/ CONFIRMATION OF QUORUM**

- a. The meeting was called to order by the Chair at 11:11AM.
  - i. The chair reminded all members present to identify any conflicts of interest.
- b. The quorum was confirmed (**6 out of 7 members present**) by the Administrator.
  - i. The IBC has 7 voting members, and 4 members are required to conduct business.

**2. APPROVAL OF THE MINUTES**

- a. February 2, 2026, meeting minutes will be reviewed at the next scheduled convened meeting on April 7, 2026. This meeting is just for the committee to review revisions to protocol 2026-01.

**3. REVIEW OF PRIOR BUSINESS**

- a. None.

**4. REVIEW OF PROTOCOLS**

- a. NEW Application – **Review of Request Modifications**
  - i. #2026-01\_Nguyen, Son
    1. **Project Overview:** The lab works primarily on isolated human immune cells, most frequently on peripheral blood from healthy donors or donors with specific conditions (infections with pathogens that do not exceed BSL-2, autoimmune conditions, cancers, etc.). Genetic modifications will be performed on the cells using methods including but not limited to CRISPR-Cas and RNA interference. The modifications will not result in the generation of any permanent cell lines as modified cells will be discarded at the end of the experiments. Using the samples, the lab plans to perform genomic profiling (e.g., single-cell RNA sequencing) and in vitro assays (e.g. co-culture T cell killing assay).
    2. **NIH Guidelines Section:** III-F
    3. **Risk Assessment (Updated):** Standard BSL-2 PPE, including lab coat, eye protection goggles, and gloves are always required. PPE will be put on when entering and removed before leaving the wet-lab

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space. Lab coats will be washed at an interval determined by the Biology Department or immediately after a known contamination. In the Tissue culture room, double gloves will be required when working with cells. Disposable gowns will be used in this space. Eye goggles are expected to be always worn.

4. Biosafety Level Assignment: BSL-2
5. Conflicts of Interest: None.
6. Motion to **return the application to the PI with modifications to secure approval** with the final review completed by the chair.  
Motion by CW; seconded by MH
  - a. Vote to approve: For - 6, Against – 0, Abstain - 0
  - b. Committee discussion and feedback:
    - i. Emergency plan needs to include a sentence explaining how the samples will be destroyed under the circumstances.
    - ii. It is mentioned that dCas9 is catalytically inactive. Further elaboration is needed to explain this use and why it should not lead to mutations.
7. Action: The chair will send an email to the PI requesting additional modifications.

**5. MEETING NOTES**

- a. Committee feedback on new application process.
  - i. Add a statement to the website requesting that PIs reach out to the IBC Chair before submitting a new application.
  - ii. Create a guidance document for PIs that compliments the application.

**6. ADJOURNMENT**

- a. The meeting adjourned at 11:48AM.
  - i. Motion by AL; seconded by CW
    1. Vote: For (6), Against (0), Abstain (0)

Next meeting: April 7, 2026 @ 11AM