



UNCLASSIFIED

Lawrence Livermore National Laboratory
Institutional Biosafety Committee

IBC Meeting Minutes

Meeting Date	11.11.2025
Call to Order	1:30 PM
Adjourned	1:43 PM
Meeting Type	Hybrid: WebEx & In-Person All IBC Meetings are closed in accordance with the <i>LLNL IBC Policy on Public Information</i> .
Quorum	The IBC has ten voting members. Six members, including at least one non-affiliated member, are required for a quorum.
Next Meeting Date	12.9.2025

Committee Member	Attendance	Late Arrival	Early Departure
Amy Rasley	Yes	1:32 PM	
Bruce Mackinlay	Yes		
Bruce Wolfe	No		
Carolyn Hall	Yes		
Ed Saada	Yes	1:32 PM	
Kathleen Noonan	Yes		
Mike Malfatti	Yes		
Mimi Yung	No		
Natalie Jouravel	Yes		
Nick Watkins	Yes		

Non-Voting Attendees	
Attendee	Attendance
Elizabeth Zukoski	Yes
Gina Alvino	No
Julia Avila	No
Kul Garg	No
Michael Rodriguez	No
Rachel Brown	Yes
Rebecca MacIsaac	No
Tamara Mercante	Yes
Wes Overton	Yes



Protocol for Review	
PI Name	Madsen, Cody
Presenter Name	Madsen, Cody
Application Number	2022-015
Title	Tracking nitrogen fixation by leveraging nitrogen fixing <i>Bacillus subtilis</i> and strengthening food security by integrating biofertilizers and computational modeling
Type of Review	<input type="checkbox"/> New Application <input type="checkbox"/> Amendment/Annual Review <input checked="" type="checkbox"/> 3YR Renewal
Highest Risk Group Level	<input checked="" type="checkbox"/> RG1 <input type="checkbox"/> RG2 <input type="checkbox"/> RG3
Highest Containment Level	<input type="checkbox"/> BSL1 <input checked="" type="checkbox"/> BSL2 <input type="checkbox"/> BSL3
Applicable NIH Guidelines	III-D-2-a
Discussion & Questions	<ul style="list-style-type: none"> • CRISPR is listed as an alternative genome mapping method. It is listed as a part of the plan as a secondary available method, but it has not yet been used since they have had success with the standard homologous recombination methods. The use of CRISPR will remain on the protocol as an alternative for potential use. • A discussion was had about the risk of Valley Fever associated with soil sampling and analysis work. Health Services emphasized that anyone working with these soils from Valley Fever endemic areas should be aware that if they have a respiratory infection, to mention their work with soil to their primary care physician or be seen by HSD onsite. • The work control document (WCD) will have information on response to potential exposures/illnesses and updated education regarding Valley Fever. • HSD encourages anyone working with soil to have updated TDAP vaccinations and these are offered onsite.
IBC Vote	<p>Motion:</p> <p><input type="checkbox"/> Approved</p> <p><input checked="" type="checkbox"/> Approved with Amendment:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Required Amendment</p> <ul style="list-style-type: none"> • Table B.1.1. is incomplete and needs updating. </div>



	<p>Motion made by: Kathleen Noonan Motion seconded by: Mike Malfatti</p> <p>Votes</p> <ul style="list-style-type: none"> • For: 6 • Against: 0 • Abstain: 0 • Recused (include names): 0 <p>Conflict(s) of Interest: N/A</p>
Committee Business	
New Business	N/A
Educational Opportunity	N/A
Review of Previous Meeting Minutes	<p>Motion:</p> <p><input checked="" type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved with Amendment:</p> <div data-bbox="444 1066 1438 1194" style="border: 1px solid black; padding: 5px;"> <p>Required Amendment</p> <ul style="list-style-type: none"> • N/A </div> <p>Motion made by: Carolyn Hall Motion seconded by: Bruce Mackinlay</p> <p>Votes</p> <ul style="list-style-type: none"> • For: 4 • Against: 0 • Abstain: 2 • Recused (include names): 0 <p>Conflict(s) of Interest: N/A</p>

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