

University of Denver (DU) IBC

MEETING MINUTES

September 8, 2025

Virtual

The meeting was called to order on September 8, 2025 at 1:02 PM and a quorum was present.

ATTENDANCE

Voting Members Present:

Matt Gordon	Chair
Martin Margittai	Scientific
Yan Qin	Scientific
Tyler Ridgeway	Scientific
Charles Steadman	Scientific
Claude Tate	Non-Affiliated

Non-Voting Attendees, Staff and Guests Present:

Recording:

Charles Steadman	Staff
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ITEMS

1 Member Attendance and COI Declaration

Review Type: Full Committee Review

Action: Acknowledged

Effective Date: September 8, 2025

Discussion and Remarks:

No COI decalared.

2 Review of Previous Minutes

2.1 Please review the attached meeting minutes from 6/6/2025.

Review Type: Full Committee Review

Action: Approved

Effective Date: September 8, 2025
Vote: Total = 5; For = 5; Opposed = 0; Abstained = 0;

3 General Business

3.1 NIH OSP IBC Registration Approval

Review Type: Full Committee Review
Action: Acknowledged
Effective Date: September 8, 2025

4 New Projects For Committee Review

4.1 [2352468-1] Neurodegenerative protein purification and tissue culture

PI: Sunil Kumar, PhD
Submission Type: Other

Review Type: Full Committee Review
Action: Modifications Required
Effective Date: September 8, 2025
Vote: Total = 6; For = 6; Opposed = 0; Abstained = 0;
Primary Reviewer: Yan Qin

Discussion and Remarks:

Section 1.1.: Protocol Title

- Please clarify whether the protocol title is “Neurodegenerative protein purification and tissue culture” or “protein expression and cell culture”.

Section 1.8.1.: IRB/IACUC Review

- Please provide the associated IRB protocol and attach the DU IRB approval letter.

Section 2.: NIH Review Category & Subcategory

- Please specify if E-1 is the appropriate subcategory.

Section 3.3.1.: Outline of Protocols

- Please provide a detailed description of the procedures that will be implemented for the proper handling and disposal of biohazardous waste generated from the experiments.
- Please provide the catalog number of exosome purification kit from SBI.

5 New Projects Approved

5.1 [2307706-1] Development of virus-Like particle systems for the study of respiratory virus assembly

PI: Schuyler van Engelenburg, Ph.D.
Sponsor: University of Denver
Submission Type: New Project

Review Type: Full Committee Review
Action: Approved
Effective Date: June 10, 2025
Project Status: Active
Project Expiration: June 9, 2028
Next Report Due: June 10, 2026

5.2 **[2301462-1] Biochemistry, Biophysics, and Structural Biology research on Proteins and Nucleic Acids**

PI: Ahhyun Son, PhD
Sponsor: NIH
Submission Type: New Project

Review Type: Designated Member Review
Action: Approved
Effective Date: August 21, 2025
Project Status: Active
Project Expiration: August 21, 2030
Primary Reviewer: Martin Margittai

6 **Approved Amendments**

6.1 **[2050531-5] Understanding Metallophores and Metal Homeostasis in Host-Microbiome Systems**

PI: Allegra Aron, Ph.D.
Submission Type: Amendment/Modification

Review Type: Full Committee Review
Action: Approved
Effective Date: June 10, 2025
Project Status: Active
Project Expiration: May 23, 2028

6.2 **[1519899-15] Synuclein expression**

PI: Sunil kumar, PHD
Submission Type: Amendment/Modification

Review Type: Administrative Review
Action: Approved

Effective Date: July 17, 2025
Project Status: Active
Project Expiration: July 30, 2025

6.3 **[2109740-5] Delivery of CORMS in vitro**

PI: Brady Worrell, PhD
Submission Type: Amendment/Modification

Review Type: Administrative Review
Action: Approved
Effective Date: July 21, 2025
Project Status: Active
Project Expiration: November 21, 2028

6.4 **[2050531-6] Understanding Metallophores and Metal Homeostasis in Host-Microbiome Systems**

PI: Allegra Aron, Ph.D.
Submission Type: Amendment/Modification

Review Type: Designated Member Review
Action: Approved
Effective Date: July 15, 2025
Project Status: Active
Project Expiration: May 23, 2028

Discussion and Remarks:

7/8/25 Modifications required

- 2. Purpose of Amendment Request:
 - Please check the 'Biological material' box, as we need to account for the addition of Ensifer meliloti USDA 1021
- 3.3.1: Please check 'Yes'
- 3.2.2: Please update this description to mention the addition of the new biological material

6.5 **[1732331-14] Physiological and Genetic Mechanisms of Adaptation to High-Altitude**

PI: Jonathan Velotta, PhD
Submission Type: Amendment/Modification

Review Type: Designated Member Review
Action: Approved
Effective Date: July 16, 2025
Project Status: Active
Project Expiration: July 20, 2026

Discussion and Remarks:

7/11/25 Modifications required:

- Please confirm that the BSC cabinet is annually certified
- Please clarify if there are any specific requirements or changes to this protocol's SOP that need to be accounted for
- Please clarify if there are any reagents used in the DNA extraction kit that could be considered hazardous. If so, please describe how these will be treated after the completion of experimentation

6.6 [1732331-15] Physiological and Genetic Mechanisms of Adaptation to High-Altitude

PI: Jonathan Velotta, PhD
Submission Type: Amendment/Modification

Review Type: Administrative Review
Action: Approved
Effective Date: September 4, 2025
Project Status: Active
Project Expiration: July 20, 2026

7 Completed PAM**7.1 [1888164-4] molecular and cellular studies of peptide hormone secretion**

PI: Joseph Angleson, PhD
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: June 11, 2025
Project Status: Active
Project Expiration: July 5, 2027

7.2 [1770996-5] Biochemistry, Biophysics, and Structural Biology research on Proteins and Nucleic Acids

PI: Scott Horowitz
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: June 30, 2025
Project Status: Active
Project Expiration: June 14, 2026
Next Report Due: June 15, 2022

7.3 [1773388-10] Investigating the biomarkers of stress impacted by human-canine interactions

PI: Kevin Morris, PhD
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: July 15, 2025
Project Status: Active
Project Expiration: July 21, 2026

7.4 [1774726-6] Prenatal Pathways for Poverty#s Influence on the Brains of Two Generations-- IBC Protocol

PI: Pilyoung Kim, PhD
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: July 17, 2025
Project Status: Active
Project Expiration: July 28, 2026

7.5 [2088341-3] Heart Anatomy Workshop

PI: Ali Azadani, Ph.D.
Sponsor: Department of Mechanical and Materials Engineering
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: August 6, 2025
Project Status: Active
Project Expiration: August 15, 2028

7.6 [1934660-7] Biomarkers and concussions in athletes - IBC

PI: Daniel Paredes
Submission Type: Continuing Review/Progress Report

Review Type: Administrative Review
Action: Acknowledged
Effective Date: August 28, 2025
Project Status: Active
Project Expiration: September 5, 2027

8 Closures

8.1 [1519899-16] Synuclein expression

PI: Sunil kumar, PHD
Submission Type: Closure/Final Report

Review Type: Administrative Review
Action: Closed
Effective Date: July 31, 2025
Project Status: Closed - Expired
Project Expiration: July 30, 2025

8.2 [1774726-7] Prenatal Pathways for Poverty's Influence on the Brains of Two Generations-- IBC Protocol

PI: Pilyoung Kim, PhD
Submission Type: Closure/Final Report

Review Type: Administrative Review
Action: Closed
Effective Date: August 4, 2025
Project Status: Closed - Project Complete
Project Expiration: July 28, 2026

9 Adjourn

Review Type: Full Committee Review
Action: Approved
Effective Date: September 8, 2025

The meeting adjourned on September 8, 2025 at 1:14 PM.