



Minutes

Document No.:	Version:	Meeting Date:	Page:
IBC-501	1.0	6/17/2026	Page 1 of 2

Members Present¹

Name	Status	Alternate Status	Attendance by Teleconference
Glenn MacDonald, Exe Dir EHS	Member		Yes
Nancy Goodyear, Ph.D.	Member		Yes
Peter Gaines, Ph.D.	Member		Yes
GuiXin He, Ph.D.	Member		Yes
Matthew Gage, Ph.D.	Chair		Yes
Sharon Marsh, MS	Member		Yes
Kelly Winson, CSP, CHMM, TURP	Member		Yes
Thomas Porro, Dir ORI	Member		Yes
Indrayani Waghmare, Ph.D.	Member		Yes

IBC members present by teleconference received all pertinent material before the meeting and were able to actively and equally participate in all discussions.

Others Present²

Name	Role
John Freeman, MS	BSO/IBC Admin

Meeting Information

Total number of regular members on the current IBC roster:	9	Number of members required for quorum:	5
Time meeting called to order:	10:00	Time meeting adjourned:	10:20

Voting Key

- “For”: Voting for the motion.
- “Against”: Voting against the motion
- “Abstain”: Present for the vote, but not voting “For” or “Against”
- “Absent”: Not present for reasons other than a conflicting interest (members in attendance at the meeting, but absent from the room for the vote)
- “Recused”: Not present for discussion and voting due to a conflicting interest
- “Non-Voting”: Present at the meeting but not in voting status (in voting status for some items but not in voting status for all items)

Other business:

N/A

¹ List IBC members present at any time during the meeting and having voting status at least once during the meeting. If an IBC member has non-voting status for the entire meeting, list under “Others Present.”

² List individuals present at any time during the meeting who never have voting status during the meeting.

Primary Presenter	Nancy Goodyear, Ph.D.
IBC Number:	26-5-KAO
Principal Investigator (PI):	Pei-Chun Kao, Ph.D.
Project Title:	Healthy Aging Resilience Study
Are all staff trained?	Yes
Biosafety Level:	BSL-2
Risk Group:	RG-2
HHS Grant Title and ID, if any:	N/A
Documents reviewed:	IBC Registration

Abstract:

This study investigates the relationship between systemic bioenergetic capacity and cognitive-physical resilience in older adults by examining how mitochondrial function and related biological markers correlate with performance during complex mobility tasks. Blood samples collected from consenting participants will be used to assess mitochondrial function in peripheral blood mononuclear cells (PBMCs), monocytes, platelets, and circulating biomarkers associated with cognitive and physical function, including BDNF and selected genetic variants. Following collection, samples will be transported under established biosafety procedures to the laboratory for processing, including serum and plasma isolation, PBMC separation, cell culture, mitochondrial respiration analyses, protein quantification, and long-term biobanking. Laboratory procedures will be conducted using standard biosafety practices, including biological safety cabinets, appropriate personal protective equipment, and validated decontamination and waste management protocols. Findings from this work are expected to improve understanding of the biological mechanisms underlying resilience to age-related cognitive and physical challenges and may help identify biomarkers associated with healthy aging and mobility preservation.

Motion:

Tabled, requiring modification.

Vote:

For	Against	Abstain	Absent	Recused	Substitution
6					
