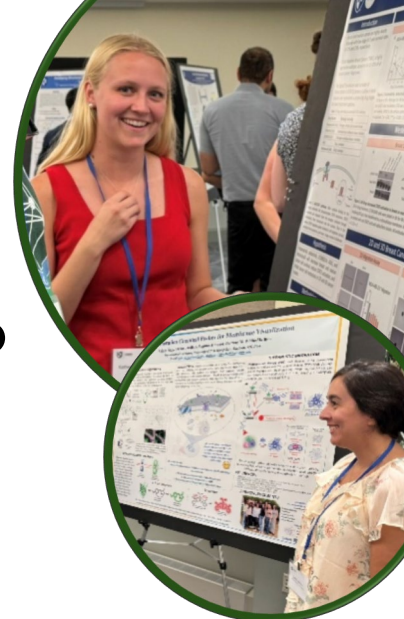


CIBBR Annual Retreat

Wednesday, August 12, 2026

8:00 am – 3:00 pm

Holloway Commons & MUB Theater II
University of New Hampshire - Durham



Connecting Researchers • Sharing Discoveries • Building Collaborations

AGENDA

	Presentations	Location
8:00 AM	Breakfast and poster set up	Piscataqua Room
8:30 AM	Rick Cote Welcome and opening remarks	MUB Theater II
8:35 AM	Kostas Sousounis <i>Newt iris to lens reprogramming as a model to study eye tissue regeneration in vertebrates</i>	
9:05 AM	Sarah Walker <i>Targeting STAT3 in Ovarian Cancer</i>	
9:35 AM	Jingwei Cheng <i>Targeting PRMT5 to combat cancer drug resistance associated with neuroendocrine differentiation</i>	
10:05 AM	Break	Theater Foyer
10:25 AM	Alexei Tulin <i>Poly(ADP-Ribose) Polymerase 1 as a Master Regulator of Chromatin Architecture and Gene Expression in Development and Cancer</i>	MUB Theater II
10:55 AM	Carloa Dao <i>Microbiome and dietary predictors of probiotic response in periodontal disease</i>	

Time	Presentations	Location
11:10 AM	Sean Edington <i>Profiling Function and Spectroscopy in Ion Binding and Calcium Signaling Structures</i>	
11:25 AM	Data Blitz session	
12:00 PM	Lunch	Piscataqua Room
1:00 PM	Poster Session	



CIBBR Annual Retreat

Poster Session

August 12, 2026, 1:00 pm – 3:00 pm

Holloway Commons, University of New Hampshire - Durham

Laboratory	Presenter	Poster Title
Ayala	Andrea Ayala	The Prevalence and Pathogenicity of Vibrio Bacteria in Mottled and Muddled Ducks of Central Florida.
Ayala	Chase Cote	The Occurrence of Vibrionaceae Bacteria in New Hampshire Mallards
Chen	Sumaya Akter	Reelin-Dab1 Signaling Impacts the Directional Orientation, Intracellular Positioning and Length of Primary Cilia in Pyramidal Neurons of the Cerebral Cortex
Chen	Jenn (Lingshu) Wang	Three Activity States of Hippocampal Principal Neurons: the Silent, Primed, and Engaged
CIBBR Data Science Core	Sanam Sanei	Statistical and Data Science Services by the NH-INBRE/CIBBR Data Science Core at UNH
CIBBR Molecular and Cellular Phenotyping Core	Don Wojchowski	CIBBR's Molecular and Cellular Phenotyping Core, collaboratively with the UNH University Instrumentation Center
Dao	Zane Aguiar	Comparing Oral Microbiome Sampling Methods to Support Periodontal Disease Research
Dao	Brandy Moser	Short-chain fatty acid-producing potential in humans tool samples: A comparison of two sampling methods
Elsawa	Chukwuebuka Nkwocha	The Role of GLI3 in Myeloid Cell Immunity
Elsawa	Kailey Paar	The role of GLI2 in B Cells
Elsawa	Shayan Raad	GLI2 Regulates T Cell Proliferation Through IL-2 Signaling
Halpern	Rachel Bachrach	Procedure Optimization for the Electrochemical Detection of Alanine Using a Cyclodextrin-Modified Glassy Carbon Electrode
Halpern	Li Hau	A Quartz Crystal Microbalance Evaluation of an Anti-V5 Proof of Concept Sensor
Halpern	Mia Levesque	Using Equivalent Circuit Fitting To Interpret Non-Redox Mediated EIS Response of Surface-Bound ELPs Using Salt Stimuli
Jeffers	Olivia Beauchamp	The Search for the Start: Divergent TATA-Binding Protein homologs in <i>Toxoplasma gondii</i> transcription initiation





Laboratory	Presenter	Poster Title
Jeffers	Kendall Reidenbach	Recruitment of an Essential <i>Toxoplasma gondii</i> Epigenetic Complex to Target Genes
Jeffers	Matt Waterman	Multi-layer Regulation of the Essential ApiAP2 Factor AP2X-7 in <i>Toxoplasma gondii</i>
Jeffers	Yangfan Xu	Two putative BET-family proteins in <i>Toxoplasma Gondii</i> .
Jeong	Kyung Jae Jeong	Microgel assemblies in 3D microfluidic channel for in vitro neurodegenerative models
Jeong	Ziqiang Guan	Injectable Microporous Microgels for Cell Encapsulation Ziqiang Guan and Kyung Jae Jeong*
Kim	Mrinal Ganash	Dynamic Control of Bionik Stiffness in 3D Bioprinting for Enhanced Cell Spreading and Mechanical Strength
Li lab, White-Mathieu lab	Prasanna Ganesh	Engineering Extracellular Vesicles with Metabolic Lipid Labels
Sousounis	Leo Napoleon	FGF activates Wnt signaling during Newt Lens Regeneration
Sousounis	Olivia Williams	A Single Cell Atlas of Newt Iris During Lens Regeneration
Sousounis	Silvia Wright	Manipulation of PDE4 and cAMP in P. waltl Ocular Lens Regeneration
Sousounis	Kaylee Shipps	2D vs. 3D Modalities to Asses Lens Regeneration in Pluerodeles waltl
Thomas	Kelley Thomas	Hubbard Center For Genome Studies
Varga	Ryan Barrett	Structural Analysis and Cryoprotective Function of a Dehydrin from a Broad-Leaved Shrub
Varga	Kaci Gilbert	Uncovering the Structure and Function of Nature's Cryoprotectants
Varga	Michael Rizzi	Structural Characterization of RGS9-1 Anchoring Protein (R9AP)
Varga	Jack Sylvester	Linking PopZ Structure to One-to-Many Ligand Binding: Insights from NMR Studies of Mutants
White-Mathieu	Tom DiPhilippo	Current and Next-Generation ROS Probes for Membrane Imaging
White-Mathieu	Aakriti Garg	DNAzyme-Assisted BODIPY Theranostics for Enhanced Photodynamic and Chemodynamic Cancer Therapy
Zhang	Jing Zhang	Mediation Analysis with High Dimensional Exposures and Non-Gaussian Response
	Ghazal Koohkansaadi	Speech Category Learning Across the Lifespan