



Graduate Student Trainee Research Showcase

Wednesday, November 4, 2020



The University of Vermont
LARNER COLLEGE OF MEDICINE

To attend any of the presentations listed below, you may attend via Zoom at:
<https://uvmcom.zoom.us/j/99519944871?from=addon>

Junior Graduate Student Division		
Time	Presenter, Program & Title	Mentor, Department
9:00-9:15	Amanda Sidwell- NGP <i>“Traumatic brain injury: impact on small cerebral vessels”</i>	Kalev Freeman, M.D., Surgery
9:15-9:30	Jeff Brabec- NGP <i>“System-level analysis of Alzheimer’s disease prioritizes candidate genes for neurodegeneration”</i>	Matthew Mahoney, Ph.D., Neurological Sciences
9:30-9:45	Montana Lara- NGP <i>“Systems Genetics of Tuberous Sclerosis Complex”</i>	Matthew Mahoney, Ph.D., Neurological Sciences
9:45-10:00	Melissa Boucher- NGP <i>“The role of PACAPergic PBN projections to the BNST in stress and anxiety ”</i>	Jom Hammack, Ph.D., Psychological Sciences and Victor May, Ph.D., Neuological Sciences
10:00-10:15	Levi Bonnell, MPH- CTS <i>“Nonlinear relationship between the natural environment and health among primary care patients with multiple chronic conditions”</i>	Benjamin Littenberg, M.D., Medicine – General Internal

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Senior Graduate Student Division

Time	Time	Time
2:00-2:15	Annalis Whitaker- CMB <i>"An agnostic approach to map the human anti-SARS-CoV-2 antibody repertoire"</i>	Jason Botten, Ph.D., Immunology
2:15-2:30	Alisa Cario- CMB <i>"Novel Effect of Tau N-Terminal Mutation, R5L, on Microtubule Mediated Condensation"</i>	Christopher Berger, Ph.D., Molecular Physiology and Biophysics
2:30-2:45	Alex Thompson- CMB <i>"Pathogenic Mutations in the Chromokinesin KIF22 Disrupt Anaphase Chromosome Segregation"</i>	Jason Stumpff, Ph.D., Molecular Physiology and Biophysics
2:45-3:00	Leslie Sepaniac- CMB <i>"Micronuclei in Kif18a knockout mice form stable micronuclear envelopes and do not drive tumorigenesis"</i>	Jason Stumpff, Ph.D., Molecular Physiology and Biophysics
3:00-3:15	Cole Davidson- CMB <i>"Targeting Glycogen Metabolism as a Novel Therapeutic Approach in Anaplastic Thyroid Cancer"</i>	Frances Carr, Ph.D., Pharmacology
3:15-3:30	Kathryn Svec- CMB <i>"Crosstalk between Focal Adhesion Kinase/Src and cAMP Dependent Protein Kinase signaling pathways in cellular migration"</i>	Alan Howe, Ph.D., Pharmacology
3:30-3:45	Lucy Pilcher- CMB <i>"Non-coding RNA Snord116 regulates cardiac remodeling after myocardial infarction"</i>	Jeff Spees, Ph.D., Medicine – Vascular Biology
3:45-4:00	JJ Bivona- CMB <i>"Macrophages Augment the Muscle Inflammatory Response Through TNFα Following Acute Lung Injury"</i>	Matthew Poynter, Ph.D., Pulmonary Disease and Critical Care