

NBH RESEARCH FORUM SCHEDULE OF EVENTS

FRIDAY, JANUARY 24

- 4:00pm Registration, White Pine Lounge, Davis Center 4th Floor
- 4:20pm Introductory Remarks: **George Wellman, PhD**, President, Vermont Chapter of the Society for Neuroscience, **Robert Hamill, PhD**, Professor Emeritus, Neurological Sciences, Livak Ballroom, Davis Center 4th Floor
- 4:30pm Keynote presentation: **Emanuel DiCicco-Bloom, M.D.**, Professor, Department of Neuroscience and Cell Biology, Rutgers Robert Wood Johnson Medical School, "**Autism Spectrum Disorders: Tales from the Mouse**", Livak Ballroom, Davis Center 4th Floor
- 5:30pm Reception, White Pine Lounge, Davis Center 4th Floor

SATURDAY, JANUARY 25

- 8:15am – 8:45am ➤ Registration, Handy Room, Davis Center 4th Floor. *Light Breakfast and coffee/tea will be served.*
➤ Poster setup, Mansfield Room, Davis Center 2nd Floor
- 8:45am Introductory Remarks: **Rae Nishi, PhD**, Director, Neuroscience, Behavior and Health Initiative, University of Vermont, Livak Ballroom, Davis Center 4th Floor

Session I: Chaired by Abbie Johnson and Stephanie Spohn, Livak Ballroom, Davis Center 4th Floor

- 9:00am **Alicia Ebert, PhD**, Assistant Professor, UVM, "**Zebrafish as a model for neurodevelopment**"
- 9:20am **Arsalan Syed**, Graduate Student, UVM, "**Differential mechanism of vasodilation by PACAP and CGRP in pressurized rat MMA**"
- 9:40am **Gene Cilento**, Graduate Student, UVM, "**The Ubiquitin Ligase Trim32 as a Regulator of Potassium Channels in the Brain**"
- 10:00am **Galen Missig**, Graduate Student, UVM, "**Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) signaling in the amygdala modulates the emotional and behavioral consequences of pain**"
- 10:20am Coffee Break, Livak Ballroom, Davis Center 4th Floor

Session II: Chaired by Eric Gonzalez and Estelle Spear, Livak Ballroom, Davis Center 4th Floor

- 10:40am **Stephanie Spohn**, Graduate Student, UVM, "**Intraluminal 5-HT4 agonist treatment improves DSS and TNBS colitis in mice**"
- 11:00am **Gilbert Rahme**, Graduate Student, Dartmouth, "**A PDGF-USP1-Id2 Axis Maintains Survival of PDGF Driven Glioma Cells**"
- 11:20am **Abbie Johnson**, Graduate Student, UVM, "**Decreased Seizure Threshold during Pregnancy and Experimental Preeclampsia: Roles for GABAA Receptors and Microglial Activation**"
- 11:40am **Mary Beth Klinger-Lawrence, PhD**, Staff scientist, Med Associates/Catamount Research, "**Assessing the Time Course of Cyclophosphamide (CYP) Effects on Voiding Behavior in Female Rats**"
- 12:00pm-2:00pm Lunch and Poster Viewing/Judging, Mansfield Room, Davis Center 2nd Floor

Session III: Chaired by Roman Popov and James Bishop, Livak Ballroom, Davis Center 4th Floor

- 2:00pm **Nathan O'Connor, PhD**, Product Management/Technical Sales, MBF Bioscience, "**Managing, sharing, and analyzing terapixel images for research and education**"
- 2:20pm **Dawei Li, PhD**, Assistant Professor, UVM, "**Genetic Studies in Mental Illnesses: GWAS and Beyond**"
- 2:40pm **Hugh Garavan, PhD**, Associate Professor, UVM, "**Neuropsychosocial profiles of current – and future – adolescent alcohol misusers**"
- 3:00pm Awards and closing remarks