

# 10th Annual Waggoner Center Advance

Monday, April 24<sup>th</sup>, 2023  
The Etter-Harbin Alumni Center

- 8:30 – 9:00am**                      **Breakfast**
- 9:00 - 9:10am**                      **Director's Welcome**  
Bob Messing, Director, Waggoner Center for Alcohol & Addiction
- 9:10 – 10:10am**                      **SHORT TALKS: SESSION 1**
- 9:10 - 9:30am                      Patrick Kennedy, Undergraduate researcher, Conway Lab  
*"Mobile Resonance Breathing for Substance Use Relapse Prevention"*
- 9:30 – 9:50am                      Dr. Esther Melamed, Assistant Professor, Department of Neurology  
*"Alcohol in Autoimmune Neuroinflammation: Does Dose matter?"*
- 9:50 – 10:10am                      Dr. Yuri Blednov, Research Scientist, Waggoner Center  
*"Apremilast-Induced Reduction of Ethanol Intake Can be Mimicked by Selective Activation of Subpopulation of GABAA Receptor"*
- 10:10 – 10:25am**                      **Break**
- 10:25 – 11:25am**                      **DATA BLITZ SESSION**
- 10:25 – 10:35am                      Dr. Laura Ferguson, Postdoctoral Fellow, Messing Lab  
*"Towards RNA Biomarkers for AUD: Blood Transcriptional Signatures of Ethanol Exposure in Mice and Humans"*
- 10:35 – 10:45am                      Ryan Thompson, Graduate Student, Nixon Lab  
*"Blunted arborization of immature neurons in adult male and female rat hippocampus during reactive neurogenesis after alcohol dependence"*
- 10:45 – 10:55am                      Zheng Wu, Graduate Student, Pierce Lab  
*"Coelomocytes Activate by Mobilizing and Ramifying in Response to Alcohol"*

10:55 – 11:05am Heather Wessel, Research Assistant, Morikawa Lab  
*“Regulation of Pavlovian Conditioning by Stress and Amphetamine: Learning of Sensory Cues With No Predictive Value”*

11:05 – 11:15am Abby Askins, Lab Technician, Natividad Lab  
*“Chronic Alcohol Exposure and Abstinence Induces Protracted Impairments in Cognitive Performance that are Sex-Dependent”*

11:15 – 11:25am Kanako Matsumura, Graduate Student, Dobbs Lab  
*“Striatal Enkephalin Supports Maintenance of Conditioned Cocaine Reward During Extinction”*

**11:25 – 12:30pm Lunch**

**12:30 – 1:40pm Keynote Presentation**

Dr. Gyongyi Szabo, Professor of Medicine, Harvard Medical School  
*“Cellular and Molecular Pathways in Alcohol-Induced Tissue Inflammation”*

**1:40 – 1:55pm Break**

**1:55 – 2:55pm *SHORT TALKS: SESSION 2***

1:55- 2:15pm Beth Lippard, Assistant Professor, Department of Psychiatry  
*“Neural and Subjective Response to Alcohol in Young Adults with Bipolar Disorder: Extending our Understanding of Risk for Alcohol Problems to Youth with Severe Mental Illness”*

2:15 – 2:35pm Leah Truckenbrod, Graduate Student, Orsini Lab  
*“Contributions of Estradiol and Progesterone to Female Risk Aversion”*

2:35 – 2:55pm Ritika Ghosal, Eberhart Lab  
*“Embryonic Ethanol Exposure Disrupts Craniofacial Neuromuscular Integration in Zebrafish Larvae”*

**2:55 – 5:00pm *Poster Session & Social Hour***

2:55 – 3:55pm *Even posters present*

3:55 – 4:55pm *Odd posters present*