

8:00-9:00: Breakfast

9:00: Introductions and opening comments

9:10-9:40

Mijail Rojas Carvahal (PhD Student; Bains Lab UofC): **Exercising Stress Away: Acute Exercise Buffers Stress-induced Metaplasticity in CRH^{PVN} Neurons**

9:40-10:10

Robert Aukema (Postdoc; Ressler Lab McLean Harvard): **Organization and Role of Stress-activated Neurons in the Basolateral Amygdala**

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10:10-10:40

Sean Piantadosi (Postdoc; Bruchas Lab UW): **Noradrenergic Modulation of Amygdala Ensemble Activity**

10:40-11:00: Coffee break

11:00-11:30

Linda Le (PhD Student; Dyck Lab UofC): **Ketamine Compensates for Lack of Vesicular Zinc in Mice Exposed to Multiple Acute Stressors**

11:30-12:00

Jordan Culp (Postdoc; Nicola and McGirr Labs UofC): **A Markovian Neural Barcode Representing Mesoscale Cortical Spatiotemporal Dynamics: Applications to Stress**

12:00-1:00: Lunch

1:00-1:30

Andrei Nastase (PhD Student; Hill Lab UofC): **Development of a Novel Model to Examine State-Dependent Responses to a Dynamic Threat: Influence of Sex and Role of the Basolateral Amygdala**

1:30-2:00

Jordan Elum (PhD Student; Zweifel Lab UW): **Behavioral and Neural Correlates of Spontaneous Social Behavior**

2:00-2:30

Matt Dawson (PhD Student; Sargin Lab UofC): **Hypocretin/Orexin Activity is Critical for Male Social Interaction and Disrupted by Social Isolation Stress**

2:30-2:50: Coffee break

2:50-3:20

Lydia Gordon-Fennell (PhD Student; Phillips Lab UW): **Neural Mechanisms Underlying Escalation of Cocaine Consumption**

3:20-3:50

Aaron Garcia (Postdoc; Ferguson Lab UW): **Role of IT/PT Cortical Subpopulations in Addictive Behaviors**

3:50-4:20

Drew Neyens (Postdoc; Borgland Lab UofC): **The Effects of Insulin and an Acute Fast on Excitatory PPTg Input to VTA Dopamine Neurons**

4:20-4:50

Adam Gordon-Fennell (Postdoc; Stuber Lab UW): **Signatures of Lateral Hypothalamic Cells and Striatum-wide Dopamine Dynamics During Consumption**

8:00-9:00: Breakfast

9:00: Introductions and opening comments

9:10-9:40

Kaylin Ellioff (PhD Student; Land and Bruchas Labs UW): **Characterizing the Effects of Cannabidiol and Terpenes for Pain Relief**

9:40-10:10

Catherine Hume (Postdoc; Hill Lab UofC): **Characterising 'The Munchies': Effects of THC Vapour Inhalation on Food Choice, Satiety and Reward Devaluation**

10:10-10:40

Anthony English (PhD Student; Stella and Bruchas Labs UW): **THC-dependent Increases in mPFC Neuronal and Corresponding 2-AG Activity at Locomotion Initiation**

10:40-11:00: Coffee break

11:00-11:30

Colleen Peterson (PhD Student; Borgland Lab UofC): **Prenatal Cannabis Exposure and Adolescent Stress Effects on Anxiety and Depression-like Behaviour**

11:30-12:00

Tallan Black (PhD Student; Howland and Laprarie Labs USask): **Developmental Effects of Prenatal Cannabis Smoke Exposure**

12:00-1:00: Lunch

1:00-1:30

Renaud Gom (PhD Student; Teskey Lab UofC): **Emotional Comorbidities in Epilepsy are Driven by a Seizure-induced Activation of the Hypothalamic-Pituitary-Adrenal Axis**

1:30-2:00

David Marcus (Postdoc; Bruchas Lab UW): **Endocannabinoid Tuning of Behavioral Engagement via an aPVT-NAc Circuit**

2:00-2:30

Ryann Tansey (Postdoc; Mayo Lab UofC): **Clinical and Neural Outcomes of Elevated Anandamide Through FAAH inhibition in PTSD**

2:30-2:50: Coffee break

2:50-3:20

Donovan Ashby (Postdoc; McGirr Lab UofC) – **The Role of the Midline Cortex in Stress Behaviors**

3:20-3:50

Jingyi Chen (Postdoc; Bruchas Lab UW): **Decoding Claustrum Neuropeptidergic Control of Stress-induced Binge Eating Behavior**

3:50-4:20

Tamas Fuzesi (Staff Scientist; Bains Lab UofC) – **Local Encoding of Stress Memory by PVN^{CRH} Neurons**