

AUGUST 19TH 2021

1ST YALE POSTGRADUATE RESEARCH SYMPOSIUM

POSTER SESSIONS

Session 1

11:30AM - 12PM

- #1 **Ian Gregg** *Psilocybin Induces Structural Plasticity and Behavioral Resilience to Stress*
- #3 **Mohammad Mansoor** *A2aR expression in astrocytes contributes to multiple sclerosis progression*
- #5 **Tao Buck** *Domain General Processes for Interactive Touch*
- #7 **Bailey Harris** *Neural mechanisms supporting memories for alcohol-related events*
- #9 **Jelani Deajon-Jackson** *Investigating changes in neurological activity, counterregulatory hormones, and brain-glucose transport in hypoglycemia unaware patients*
- #11 **Liam Sullivan** *Developing an Adapted Experimental Pain Task for Therapeutic Assessment*
- #13 **Adnel Figueroa-Jiménez** *Assessing Epigenetic Aging in Individuals with Substance Use Disorders*
- #15 **Olivia Baker** *The Impact of Trait Anxiety When Evaluative Pressure Is Increased*
- #17 **Rebecca Seidemann** *Exploring the Relationship Between Post Traumatic Stress Disorder, Depression, and the Reward System*
- #19 **Marissa Falcone** *The Relationship between Anxiety Sensitivity and Pubertal Status in Children and Adolescents with Social Anxiety*
- #21 **Robert Manning III** *Emotion Dysregulation as a Moderator of Disability Stigma and Depression and Anxiety in Adults with Disabilities*
- #23 **Carlos Cosme Jr.** *Single-cell RNAseq of aging lungs from Nlrp3^{-/-} mice reveals genotype- and celltype-specific effects of aging on the transcriptomes of several myeloid-derived cells*

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Session 2

12PM - 12:30PM

- #2 **Gabriel Baldissera** *Micro-RNA-128 regulates the transdifferentiation of endothelial cells into blood stem cells*
- #4 **Nina Dashti-Gibson** *Uncovering the role of KIF12 in the pathogenesis of cholestasis*
- #6 **Sai Donepudi** *Hippo/Yap signaling limits endogenous neuroregeneration in human retina*
- #8 **Brooke Horowitch** *Examining the Spatial and Temporal Elements of the Interferon Gamma Signaling Pathway*
- #10 **Feriel Ouerghi** *An integrative single-cell framework to reveal insights into the tumor microenvironment and characterize the responses of patients to therapeutic perturbations*
- #12 **Hayley Hassler** *The durability of immunity against reinfection by SARS-CoV-2: a comparative evolutionary study*
- #14 **Alyssa Blaise** *Insights into Scrub Typhus: Biochemical Characterization and Structure of a Guanine Nucleotide Exchange Factor Encoded by an Effector Protein from Orientia tsutsugamushi*
- #16 **Hannah Lee** *Investigating the Impact of Maternal Immune Response on Microglia During the Fetal Neural Development*
- #18 **Alyssa Williams & Nicolas Page** *Hyperspectral Imaging in Systemic Sclerosis-Raynaud Phenomenon*
- #20 **Dylan Mariuzza** *Analyzing the Cellular Composition of Tertiary Lymphoid Structures in Mouse Models of Lung Adenocarcinoma*
- #22 **Eitan Acks** *A hairpin to duplex conversion underlies RNA foci phase transitions*
- #24 **Brooke Ramsey** *RNase A Folding in Response to Hypoxia*