

Department of Pharmacology

2023 - 2024 Seminar Series



“From behavior to circuitry to synaptic approaches in understanding risk for chronic heavy alcohol drinking”

Chronic heavy alcohol drinking associated with Alcohol Use Disorders in people is a phenotype modeled in a proportion of young adult rhesus monkeys using a voluntary alcohol self-administration protocol. Both risk factors for and the consequences of heavy drinking indicate cortical-striatal circuitry as a key mediating system with predisposing and maladaptive synaptic mechanisms biasing behavior towards sensory motor over associative cognitive processing. Manipulation of this circuitry to enhance or restore function has shown great promise in the potential to develop therapies to reduce alcohol drinking and maintain sobriety.

Kathleen Grant, Ph.D.

Professor and Chief
Division of Neuroscience, Oregon National
Primate Research Center
Oregon Health & Science University

January 16th, 2024

4:00 PM

1220 MRB III

Host: Cody Siciliano