International Study Group Investigating Drugs as Reinforcers
Annual Scientific Conference
June 18th, 2021

*Times listed are in Eastern Daylight Time (EDT).*

12:00PM Opening Remarks by Josh Lile, ISGIDAR President

12:05PM Effects of short, long, and intermittent access MDPV and cocaine self-administration on SUD-like behaviors in male and female rats
Michelle R. Doyle*, Kenner C. Rice, Gregory T. Collins
*2020 ISGIDAR Travel Award Winner

12:20PM Females develop features of an addiction-like phenotype sooner during withdrawal than males
E. Blair Towers*, Anousheh Bakhti-Suroosh, Wendy J. Lynch
*2021 ISGIDAR Travel Award Winner

12:35PM Single- and cross-commodity discounting among adults who use alcohol and cannabis: associations with tobacco use and clinical indicators
Gideon P. Naudé*, Derek D. Reed, David P. Jarmolowicz, Laura E. Martin, Andrew T. Fox, Justin C. Strickland, Matthew W. Johnson, PhD
*2021 William W. Woolverton Memorial Travel Award Winner

12:50PM Evaluating drug-drug choice and reinstatement in rats provided concurrent access to MDPV and cocaine self-administration
Robert W. Seaman Jr*, Kenner C. Rice, Gregory T. Collins
*2021 William W. Woolverton Memorial Travel Award Winner

1:05PM Drug self-administration: a view on current challenges and opportunities
S. Stevens Negus*
*Invited Speaker

1:50PM Break

2:00PM Self-administration of fentanyl-alprazolam combinations in rhesus monkeys responding under a progressive-ratio schedule
Laís F. Berro, C. Austin Zamarripa, James K. Rowlett

2:15PM Sex differences in the effect of chronic delivery of the buprenorphine analog BU08028 on heroin relapse and choice in a rat model of opioid maintenance
Jennifer M. Bossert, E. Andrew Townsend, Lindsay Altidor, Ida Fredriksson, Aniruddha Shekara, Stephen Husbands, Agnieszka Sulima, Kenner C. Rice, Matthew L. Banks, and Yavin Shaham

2:30PM Opioid withdrawal produces sex-specific effects on fentanyl-vs.-food choice in rats
E. Andrew Townsend, Matthew L. Banks

2:45PM  Effect of a novel oral formulation of buprenorphine on heroin and fentanyl self-administration by rhesus monkeys  
Richard W. Foltin, Stephen Zale, William Avery, Kristine Sykes, Nupura Bhise, Andrew Bellinger, Richard Scranton, Sandra D. Comer

3:00PM  Reverse translation to study drug addiction and identify new brain mechanisms  
Marco Venniro, Matthew L. Banks, Markus Heilig, David H. Epstein and Yavin Shaham

3:15PM  Predicting choice from response latencies: a potential treatment target for behavioral allocation disorders  

3:30PM  Biphasic reward effects are characteristic of both lorcaserin and drugs of abuse; Implications for treatment of substance abuse disorders and non-drug reinforced behavior  
Ken Grasing, Kim Burnell, Alok De

3:45PM  Lack of effect of different pain-related manipulations on opioid self-administration, reinstatement of opioid seeking, and opioid choice in rats  
David J. Reiner, E. Andrew Townsend, Javier Orihuel Menendez, Sarah V. Applebey, Sarah M. Claypool, Matthew L. Banks, Yavin Shaham, S. Stevens Negus

4:00PM  Comparison of the reinforcing and antinociceptive effects of prototypical and G-protein “biased” mu-opioid receptor agonists in male and female Sprague-Dawley rats  
C. Austin Zamarripa, Tanya Pareek, Loc M. Pham, Bruce E. Blough, Hayley M. Schrock, Eric J. Vallender, Kenneth J. Sufka, Kevin B. Freeman

4:15PM  Break

4:20PM  Business Meeting