

**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
Haidyn Stark, Dhariye Dave. Rick J. Lamb, Brett C. Ginsburg.
- 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