7:15 - 7:55  Breakfast and registration  
7:55 - 8:00  Introductory remarks  

**Nicotine self-administration mini-symposium**  

8:00 - 8:20  Rick Bevins  
Nicotine self-administration in rats - trials published and unpublished  

8:25 - 8:45  Rajeev I. Desai, Katherine A. Sullivan, and Jack Bergman  
Nicotine self-administration behavior under second order schedules in nonhuman primates  

8:50 - 9:10  Stephen J. Kohut and Jack Bergman  
A parametric evaluation of nicotine’s reinforcing effects  

*Human nicotine self-administration via electronic cigarettes and cue reactivity to smoking images using virtual reality*  

9:40 - 10:00  Jack E. Henningfield, Edward J. Cone, August R. Buchhalter, Reginald V. Fant  
Abuse liability assessment of electronic nicotine delivery systems: Regulatory precedents from the FDA 2015 Guidance for Abuse-Deterrent Opioids: It's all about response cost  

10:05 - 10:20  Bob Balster  
Discussant  

10:25 - 10:45  Coffee break  

10:45 - 11:05  **Student Travel Award Winner (Thanks to Richard Foltin and Suzette Evans)**  
Amy R. Johnson, Matt L. Banks, Bruce E. Blough, Kate L. Nicholson, Josh A. Lile, and S. Steve Negus  
*Development of a monkey-to-human translational procedure to evaluate candidate medications for cocaine addiction*  

11:10 - 11:30  Rachel M. Enga and Patrick M. Beardsley  
*Progress in establishing oxycodone as an oral reinforcer in mice*  

11:35 - 11:55  Ryan Lacy, Max Feinstein, and Mark Smith  
*Self-administration of cocaine and heroin in male-female dyads: Examining the role of estrous cyclicity*  

**12:00 - 1:00  Lunch Sponsored by Grünenthal**  

1:00 - 2:00  **2015 Presidential Lecture**  
Barak Caine  
*Modulation of cocaine self administration through dopamine receptor subtypes*  

2:05 - 2:25  Brenda M. Gannon, Kenner C. Rice, William E. Fantegrossi  
*Reinforcing, locomotor, and appetitive stimulus effects of orally self-administered "bath salt" constituent 3,4-methylenedioxypyrovalerone (MDPV) in mice*  

2:30 - 2:45  **Afternoon break**  

2:50 - 3:15  Matthew Banks and Blake A. Hutsell  
*Effects of remifentanil as the consequent stimulus in a delayed nonmatching-to-sample procedure*  

*Contribution of conditioned drug action to cocaine self-administration*  

3:45 - 4:05  Richard Foltin  
*The last talk of an otherwise outstanding set of presentations…*  

4:10 - 5:00  **Business meeting**  

*ISGIDAR's scientific program is generously supported by Grünenthal and PinneyAssociates*