Addictive disorders: from neurobiology to novel therapeutic strategies

Sala delle Capriate, Palazzo Steri
Palermo, 27-28 March 2015

Scientific Committee:
Daniela Parolaro, University of Insubria
Carla Cannizzaro, University of Palermo
Paola Fadda, University of Cagliari
Patrizia Romualdi, University of Bologna
Tiziana Rubino, University of Insubria
Cristiano Chiamulera, University of Verona

Local Organizing Committee:
Carla Cannizzaro
Anna Brancato
Fulvio Plescia
Emanuele Cannizzaro
Program

Friday, 27.03.2015

13:30 – 14:30 Welcome reception and Registration

14:30 – 15:00 Opening and Congress Presentation

15:00 – 17:00 New targets and new drugs

Martina Palmisano, University of Bologna – Innate and ethanol-induced differences in the Extended Amygdala gene expression between Marchigian Sardinian alcohol-preferring (msP) and Wistar rats

Michela Rosas, University of Cagliari – Effects of Withania somnifera Dunal on the motivational properties of ethanol: place conditioning and self-administration studies

Luisa Lo Iacono, Fondazione Santa Lucia, Rome – Adverse social experiences in juvenile mice increase cocaine-seeking behavior and alter blood gene expression

Guendalina Olivero, University of Genoa – Nicotinic α7 receptor activation induces NMDA receptors trafficking in glutamatergic terminals of the nucleus accumbens

Esi Domi, University of Camerino – Pioglitazone reduces nicotine withdrawal symptoms through PPARγ stimulation

Andrea Ossato, University of Ferrara – Effect of acute administration of JWH-018 on cardiovascular functions in mice

Isabella Canazza, University of Ferrara – 2C-B and 251-NBOMe impair sensorimotor functions in mice

17:00 – 18:00 Coffee Break and Poster Session

18:00 – 19:00 Honorary Lecture – Dr. Scott J. Russo, Icahn School of Medicine at Mount Sinai, New York

20:30 Social Dinner
08:30 – 10:00  
*Effects of early exposure to addictive drugs*  
**Anna Brancato,** University of Palermo – Drinking pattern matters: effects on maternal care and offspring vulnerability to alcohol in rats

**Lucia Caffino,** University of Milan – Repeated cocaine treatment during adolescence reduces spine density in the medial prefrontal cortex: a potential glucocorticoid receptor-mediated mechanism

**Giuseppe Giannotti,** University of Milan – Adolescent exposure to cocaine modulates BDNF in the medial prefrontal cortex of adult rats

**Pamela Prini,** University of Insubria – Role of Histone H3 Lysine 9 Try-Methylation in the development of the depressive/psychotic-like phenotype induced by adolescent THC exposure in rats

**Erica Zamberletti,** University of Insubria – Cortical neuroinflammation contributes to the development of cognitive deficits induced by adolescent THC exposure in rats

10:00 – 10:30  
Coffee Break

10:30 – 11:30  
*Minisymposium – The use of animals in addiction research*  
**Prof. Gaetano Di Chiara,** University of Cagliari

11:30 – 12:30  
*From the bench to the bedside*  
**Elisabetta Gerace,** University of Florence – Studies on the toxic and neuroprotective effects of cannabinoids in models of cerebral ischemia and ischemic tolerance

**Federico Moro,** Mario Negri Institute, Milan – Effects of single and repeated N-acetylcisteine on cue-induced nicotine-seeking behavior

**Roberto Collu,** University of Cagliari – Possible role of the Endocannabinoid System in the activity-based model of anorexia nervosa

**Arianna Totti,** University of Florence – Efficacy of anti-craving pharmacological therapy based on a psychobiological model in alcohol dependence

12:30 – 13:00  
Zardi Gori Foundation Awards and Concluding Remarks