

Neurobiology of Addiction – June 22-26

Organizer: Teresa Summavielle (tsummavi@ibmc.up.pt)

Local: IBMC

Monday, June 22

(9:00 - 12:30 – 1st Porto Meeting in Mathematics and Biology)

(LUNCH)

14:30-17:30 – Basic Neurobiology of Addiction - T Summavielle (IBMC-i3S)

17:30-18:00 - Students round table and papers allocation

Tuesday, June 23

SPN 2015 - Cannabinoids system- Rafael Maldonado (Universitat Pompeu Fabra, Barcelona – this content was presented at the SPN conference, Symposium I - main lecture)

9:45-12:00 – Neuroimaging studies in cannabis users - Matthijs Bossong (University Medical Center, Utrecht)

12:00 -13:00 – Exploring the age factor in the neurotoxicity of “ecstasy”– João Paulo Capela (REQUIMTE, Universidade Fernando Pessoa)

(LUNCH)

15:00 – 17:00 – Policymaking for THC. Risk assessment procedures for new drugs- Margriet van Laar (Trimbus Instituut, Netherlands Institute of Mental Health and Addiction, Utrecht)

17:00 -18:00 – Methamphetamine and neuroinflammation – Teresa Summavielle (IBMC-i3S)



Wednesday, June 24 (São João)

Thursday, June 25

10:00-11:15 – Neuronal Modulation of Mitochondrial Dynamics by 3,4-Methylenedioxymethamphetamine (MDMA; “ecstasy”) – Daniel Barbosa (IBMC and FFUP, REQUIMTE)

11:30-13:00 - Impact of methamphetamine on the blood-brain barrier function - Ana Paula Silva (IBILI, University of Coimbra)

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14:30-15:30 – Ethanol triggers fast glutamate release from cortical microglia via cSRC/TNF signaling - Renato Socodato (IBMC-i3S, Glia Cell Group)

15:30-16:30 – Glutamate excitotoxicity - Andrea Lobo (IBMC-i3s)

Friday, June 26

10:00h – The neurobiological impact of early life stressful experiences. –Ana Mesquita (Neuropsychophysiology Laboratory, Universidade do Minho)

11:00h - Students presentations/discussion