

## Neurobiology of Addiction – June 23 -27

Organizer: Teresa Summavielle, Addiction Biology Group  
Local: IBMC

### Monday, June 23



9:30-11:00 Neurobiology of Addiction– T Summavielle (IBMC)

11:00-12:15 Basics of drug abuse - J Alves (INEB)

12:15-13:15 Students round table and papers allocation

14:30-16:00 Methamphetamine: speeding into neurochemical and behavioral crash –  
F Pereira (CNC, University of Coimbra)

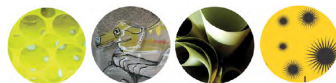
16:10-17:30 Glutamate excitotoxicity in drug abuse – A Lobo (IBMC)

### Tuesday, June 24



SÃO JOÃO – Local holyday

### Wednesday, June 25



10:00–11:00 MDMA and the Adolescent Brain - T Summavielle (IBMC)

11:00-11:30 – Coffee break

11:30-12:30 Neuronal Modulation of Mitochondrial Dynamics by 3,4-

Methylenedioxymethamphetamine (MDMA or "ecstasy") Daniel Barbosa/Felix Carvalho  
(FFUP, REQUIMTE)

**Thursday, June 26**



**9:30-11:00 Epigenetic mechanisms in the mature brain. Implications in the mode of action of drugs of abuse. Jean Zwiller (INSERM, Strasbourg)**

**11:00 Coffee break**

**11:30 – 13:00 Lipid transmitters and alcoholism: a review on the role of endocannabinoids, acylethanolamides and lysophosphatidic acid – Fernando Rodriguez de Fonseca, IMABIS Foundation, Málaga)**

**Lunch break**

**14:30 – 15:30 Impact of methamphetamine on the blood-brain barrier function - Ana Paula Silva (IBILI, University of Coimbra)**

**15:30 – 17:00 The importance of self-administration models in the neurobiology of drug of abuse - Emilio Ambrosio (Dep. Psicobiologia, UNED, Madrid)**

**17:00 Coffee break**

**17:30-18:30 Modelling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures - João Capela (Univ. Fernando Pessoa/ REQUIMTE/FFUP)**

**Friday, June 27**



**10:00 -12:00 Students presentations**

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