

## Neurobiology of Addiction – June 26-30

**Organizer: Teresa Summavielle, Addiction Biology Group, i3S**

**Local: I3S - R. Alfredo Allen 208, Porto**

### Monday, June 26

**9:30-12:30 – Basic Neurobiology of Addiction - T Summavielle** (Addiction Biology Group, I3S, University of Porto)

**(LUNCH)**

**14:30-16:00 - Rethinking the arousal matrix within a predictive brain architecture - Fernando Ferreira-Santos** (Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences, University of Porto)

**16:30 – Students round table and papers/videos allocation**

### Tuesday, June 27

**10:30 -11:30 – Glutamate excitotoxicity - Andrea Lobo** (Addiction Biology Group, I3S, University of Porto)

**11:45 -13:00 – Methamphetamine, much more than dopamine – T Summavielle** (Addiction Biology Group, I3S, University of Porto)

**(LUNCH)**

**14:30 – 16:00 - Psychobiology of drug addiction - Fernando Barbosa** (Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences, University of Porto)

### Wednesday, June 28

**10:00-11:15 – Neuronal Modulation of Mitochondrial Dynamics by 3,4-Methylenedioxymethamphetamine (MDMA; "ecstasy") – Daniel Barbosa** (I3S, former UCIBIO-REQUIMTE, FFUP)

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

**(LUNCH)**

**14:00 - 16:00 – Behavioural analysis in rat/mice models for addiction – Ana Magalhães** (Addiction Biology Group, I3S, University of Porto)

**16:30 - 17:30 – Ethanol triggers fast glutamate release from cortical microglia via cSRC/TNF signaling - Renato Socodato** (IBMC-i3S, Glia Cell Group)

### Thursday, June 29

(Morning period – free time for preparing presentations)

**14:00-18:00 - Students presentations/discussion**



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