3rd CIBB Neuroscience and Disease Retreat

Online via Zoom

May 24 - 25, 2021

Organizing committee:
Ana Ledo, Ana Raquel Santiago, Paulo Pinheiro
Programme

Day 1

9h15 Opening session

9h30 Plenary talk
   Chair: João Laranjinha

Martin Lauritzen, Department of Neuroscience, University of Copenhagen, Denmark
Brain microvascular flow control by vascular smooth muscle cells, precapillary sphincters and capillary pericytes.

10h30 Break

10h40 Session I
   Chairs: Carla Lopes and Francisco Ambrósio

Edna Soares
Mood exosomes - the possible role of exosomes in animal models of depression.

Ivan Lalanda
Novel cerebrospinal fluid and serum biomarkers for multiple sclerosis

Lígia Fão
Augmented c-Src/Fyn degradation through autophagy in Huntington’s disease - impact on NMDAR and mitochondrial function

Paula Canas
Therapeutic potential of targeting adenosine A2A receptors in a mouse model of Angelman syndrome

Questions to speakers

11h50 Session II
   Chairs: Mário Carvalho and Ana Paula Silva

Cátia Marques
Modulation of cerebrovascular function and memory performance in vascular dementia by dietary nitrate.

Rita Gaspar
Microglia morphology and susceptibility to depression - impact of sex differences

Questions to speakers

12h30 Closing
10h00 Rui Nobre

**Core Facility ViraVector**

Research Infrastructure at UC dedicated to the production of viral vectors for the in vitro and in vivo applications.

10h30 Session II

**Chairs: Mário Carvalho and Ana Paula Silva**

Mariana Laranjo

*Dissecting the role of parvalbumin-positive inhibitory neurons in the cellular and behavioural phenotypes associated with Gprasp2 deletion*

Elisa Campos

*The actin-binding protein α-adducin impacts on the retinal structure but function is only mildly hampered*

Questions to speakers

11h15 Break

11h45 Session III

**Chairs: Filipa Baptista and Ricardo Rodrigues**

Marina Rodrigues

*Stargazin as a regulator of the M-channel in the central nervous system*

Patrícia Simões

*A2A receptors in the amygdala are necessary and sufficient for the expression of mood dysfunction upon chronic stress*

Inês Aires

*Resident retinal microglia amplify the neuroinflammatory response initiated by exosomes derived from reactive microglia*

Célia Aveleira

*A new neuroendocrine strategy to delay aging in Hutchinson-Gilford Progeria Syndrome*

Questions to speakers

13h00 Ana Luísa Carvalho

*A year in review and future perspectives*

13h15 Ted Dobie – Scientific Editor, Neuron

13h45 Closing session

*Wrap up session
next meeting and announcement of the future organizers*