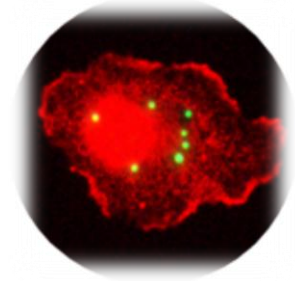


Profiling alterations in microglia dynamic properties by neuroinflammation

On the move for the Portuguese Glia Network - First Workshop
November 7/8, 2014



Program

Friday, 15:00-18:30h

- 15:00 **Alexandra Brito**, *Research Institute for Medicines, Faculdade de Farmácia de Lisboa, Portugal*
Opening ceremony
- 15:10 **Fernanda Marques**, *Life and Health Sciences Research Institute (ICVS), School of Health Sciences, Universidade do Minho*
The blood cerebrospinal fluid barrier response to peripheral inflammation
- 15:40 **Adelaide Fernandes**, *Research Institute for Medicines, Faculdade de Farmácia de Lisboa, Portugal*
Decoding neuroinflammation along AD progression using the 3xTgAD mice
- 16:10 **Liliana Bernardino** – *Faculdade de Ciências da Saúde, Universidade da Beira Interior*
The role of inflammation in brain repair: focus on neurogenesis
- 16:40 Coffee break
- 17:00 **João Malva** – *Instituto de Imagem Biomédica e Ciências da Vida (IBILI), Faculdade de Medicina da Universidade de Coimbra*
Neuroinflammation affects Neural Stem Cell niche dynamics and mice behaviour
- 17:40 **Dorian McGarven**, *National Institutes of Neurological Disorders and Stroke*
Regulation of microglia dynamics following injury and infection
- 18: 20 **Dora Brites**, *Research Institute for Medicines, Faculdade de Farmácia de Lisboa, Portugal*
Closing ceremony

Saturday, 9:00-18:30h

1. Isolation of microglial cells using MACS technology (co-sponsored by Citomed)
 2. Identification of different populations of microglia phenotypes using FACS technology (co-sponsored by Enzifarma)
 3. Assessment of microglia phagocytosis of fluorescent beads
- Lunch**
4. Evaluation of microglia migration ability using the Boyden chamber method
 5. Detection of microglia senescence by beta-galactosidase activity
 6. Evaluation of microglia inflammasome induction using the Mouse Inflammasomes PCR Array (co-sponsored by Qiagen)

Registration fees

- A. Lectures on Friday - free entrance
- B. Lab sessions on Saturday (limited to 20 participants) - 170 € (lunch included)

Organized by Neuron Glia Biology in Health and Disease, Research Institute for Medicines (iMed.Ulisboa), Faculdade de Farmácia, Universidade de Lisboa



GOVERNO DE
PORTUGAL

FCT

Fundação para a Ciência e a Tecnologia

U

LISBOA
UNIVERSIDADE
DE LISBOA



FACULDADE DE
FARMÁCIA
Universidade de Lisboa

iMed.
ULisboa

Instituto de
Investigação do
Medicamento



enzifarma

FUNDAÇÃO
LUSO-AMERICANA