

**4th PhD Students Meeting of the Mind-Brain College of
Universidade de Lisboa**



Program

Venue: Salão Nobre da Reitoria, Universidade de Lisboa

14th November 2018

09h45 – 10h30 – Registration and Poster Setup

10h30 – 11h00 – Welcome Coffee

11h00 – 11h15 – Opening session

11h15 – 12h15 – Oral Presentation Session I – **Neurodegeneration I**

Chair: Ana Filipa Ribeiro, FMUL

11h15 – O1 | João Fonseca-Gomes, FMUL

Novel therapeutic strategy to prevent the loss of BDNF signaling in Alzheimer's disease

11h30 – O2 | Rita A. F. Belo, FMUL

A new insight about Amidated-Kyotorphin on Alzheimer's disease therapy

11h45 – O3 | Mariana A. Romão, FCUL

Brain S100A9 forms string-like polymeric assemblies with potential relevance in Alzheimer's Disease

12h00 – O4 | Pedro Dionísio, FFUL

Absence of RIP3 protects from dopaminergic neurodegeneration in the MPTP-mouse model of Parkinson's disease

12h15 – 12h45 – Susana Almeida Lopes | VdA – Vieira de Almeida (in Portuguese)

Aplicação das neurociências ao contexto organizacional

12h45 – 14h00 – Break

14h00 – 15h30 – Round Table “**Diálogos mente-cérebro**” (in Portuguese)

Chair: Helder Coelho (FCUL)

Participants:

- **Diogo Telles-Correia** | FMUL
- **Helder Coelho** | FCUL
- **José Santos-Victor** | IST
- **Leonel Garcia-Marques** | FPUL
- **Sónia Frota** | FLUL
- **Tiago Maia** | FMUL

15h30 – 16h30 – Pitch presentations I

16h30 – 17h15 – Poster Session I and Coffee Break

17h15 – 18h00 – Oral Presentation Session II – **Neuromodulation**

Chair: Francisco Mouro, FMUL

17h15 – **O5** | **Sofia Fernandes, FCUL, FMUL**

Non-Invasive Neuromodulation of the Cervical Spinal Cord: combining modelling and experimental studies

17h30 – **O6** | **Rui Figueiredo, IST**

Object detection and localization with artificial foveal visual attention

17h45 – **O7** | **Ana Armada-Moreira, FMUL**

Inorganic-based microreactors as a therapeutic approach against excitotoxicity

15th November 2018

09h15 – 10h15 – Pitch presentations II

10h15 – 11h00 – Poster Session II and Coffee Break

11h00 – 12h00 – Oral Presentation Session III – **Cognition**

Chair: Rita Nunes, IST

11h00 – **O8** | **Nuno Duarte, IST**

Studying the human non-verbal communication behavior in dyadic interactions and applications to human-robot interactions

11h15 – **O9** | **Atabak Dehban, IST**

Automatic generation of object shapes with desired functionalities

12h00 – **O10** | **Joanna Skubisz, FCSH, Univ. NOVA de Lisboa**

Nonsense makes sense: Detecting iconic mappings in non-lexical vocalizations, gestures, and touch

12h15 – **O11 | Pedro Mendonça, FCUL**

Study of human perception thresholds in imaging systems

12h00 – 13h00 — **Keynote lecture II | Luciano Fadiga** (University of Ferrara and Italian Institute of Technology)

Chair: José Santos-Victor, IST

Pragmatic Conceptualizations in the Brain

13h00 – 14h15 – Break

14h15 – 15h45 – Round Table “**Ciência & Sociedade - o futuro da ciência**” (in Portuguese)

Chairs: Mara Alves (FPUL) / Rita Belo (FMUL)

Participants:

- **António Granado** | Science journalist; FCSH, Univ NOVA de Lisboa
- **Catarina Lourenço** | PhD student, FMUL
- **Rodolfo Abreu** | Post-Doc, IST

15h45 – 16h45 – Pitch presentations III

16h45 – 17h30 – Poster Session III and Coffee Break

17h30 – 18h30 – Oral Presentation Session IV – **Neurodegeneration II**

Chair: Sara Xapelli, FMUL

17h30 – **O12 | Maria Filipe Ribeiro, FFUL**

From Gut Dysbiosis To Altered Metabolic Regulation Of Neurogenesis In Nonalcoholic Steatohepatitis

17h45 – **O13 | Filipe Cortes-Figueiredo, FMUL**

Mitochondrial DNA mutations in Multiple Sclerosis: what is the relationship between mitochondrial genotype and disease triggering and progression?

18h00 – **O14 | Nádia Rei, FMUL**

Long-Term Potentiation is impaired in symptomatic SOD1G93A mice and the chronic treatment with an A2AR antagonist can recover it

18h15 – **O15 | Cátia Gomes, FFUL**

Spine/Cortical ALS Astrocytes Show Features of Aberrant Phenotype Diversity by In Vitro Ageing

18h30 – Closing session

20h00 – Meeting Dinner (registration required)