

Chem&BioChem

Postgraduate Students Meeting



Ciências
ULisboa

Faculdade
de Ciências
da Universidade
de Lisboa

2017

9th February 2017 | Auditorium 8.2.30

SCIENTIFIC PROGRAM

MORNING SESSION

8.30 — 9.00 | Registration

9.00—9.15 | Opening Session

José Artur Martinho Simões | Director of FCUL
Ana Maria Ponces-Freire | President of Departamento de Química e Bioquímica—FCUL

9.15 — 10.05 | Plenary Lecture

Chair: Ana Maria Ponces-Freire
Alexandre Quintas | Laboratório de Ciências Forenses e Psicológicas Egas Moniz | *A chemical and biochemical approach towards the understanding of the toxicological impact of synthetic cannabinoids consumption*

10.05 — 10.35 | Coffee Break and Poster Session

10.35 — 11.35 | Oral Communications (CHEMISTRY)

Chair: Helena Garcia
10.35 OC1 Ana Marta de Matos | *Tuning C-Glucosyl Flavonoid Analogues into CNS-Targeted Molecules Against $A\beta_{1-42}$ -Induced Neurodegeneration*
10.55 OC2 Leonor Côrte-Real | *New Self-Assembled Polymer-Metal Compounds: Highly Efficient Anticancer Vesicles*
11.15 OC3 Alessandra Ide | *Novel Bar Adsorptive Microextraction Devices for the Analysis of Antidepressive Agents in Water Matrices*

11.35 — 12.05 | Poster Session

12.05 — 12.30 | Flash Communications (BIOCHEMISTRY)

Chair: António Ferreira
12.05 FC1 António Flor | *Interaction of Plant Polyphenols with Lipid Bilayers: a Fluorescence Spectroscopy Characterization*
12.10 FC2 Cláudio Piedade | *How to Disassemble a Virus Capsid: a Computational Approach*
12.15 FC3 Hugo Santos | *Untangling the Gene Networks for Motor Neuron Degeneration: from Disease Model Transcriptomes to Cellular Systems*
12.20 FC4 Joana Cristóvão | *The Neuronal S100B Protein as a Novel Modulator of Amyloid- β Aggregation in Alzheimer's Disease*
12.25 FC5 Margarida Quaresma | *CFTR in the Maintenance of Epithelial Differentiation in the Airways*

AFTERNOON SESSION

13.45 — 14.35 | Plenary Lecture

Chair: Rodrigo de Almeida
Radosław Starosta | University of Wrocław | *A story about aminomethylphosphanes. Gaining experience throughout collaborations*

14.35 — 16.05 | Round Table

Job Opportunities for Postgraduates: Academia vs. Industry

Filipe Duarte | HOVIONE **Miguel Prudêncio** | IMM | RoPlaVac
Tino Rossi | BIAL **Maria José Calhorda** | FCUL
Carlos Castro | FCUL

Moderated by Jorge Correia and Margarida Amaral

16.05 — 16.35 | Coffee Break and Poster Session

16.35 — 17.35 | Oral Communications (BIOCHEMISTRY)

Chair: Margarida Gama Carvalho
16.35 OC4 André Bastos | *Insights into the Involvement of Feeding Cycle in the Physiology of Hippocampal Na^+ Channels*
16.55 OC5 Daniel Olivença | *A Mathematical Model of the Phosphoinositide Pathway in Human Pulmonary Epithelial Cells*
17.15 OC6 Sara Canato | *Modulation of Protein Traffick Networks to Rescue F508DEL-CFTR from Endoplasmic Reticulum*

17.35 — 18.00 | Flash Communications (CHEMISTRY)

Chair: Filomena Martins
17.35 FC6 Bárbara Anes | *Chemical and Metrological Challenges to the Quality of Seawater*
17.40 FC7 Luís Almeida | *Immobilization of Laccase and Magnetite Nanoparticles on a Biocompatible Polymer for Electrochemical Biosensing*
17.45 FC8 Olga Ferreira | *Non-Releasing Antifouling Coatings: an Eco-Friendly Strategy for Surfaces Protection against Biofouling*
17.50 FC9 Rodrigo Osawa | *Identification of Citalopram Transformation Products by LC QTOF-MS*
17.55 FC10 Sara Realista | *A Capture of Small Molecules by Metal-Organic Structures*

18.00 — 18.10 | Closing Session & Awards

Official Sponsors:

