

# 2<sup>nd</sup> Workshop

## MASTER IN BIOPHARMACEUTICAL SCIENCES

FACULTY OF PHARMACY, UNIVERSITY OF LISBON

4TH FEBRUARY 2022 | 14:30 - 18:30

VIRTUAL MEETING: [ACCESS HERE](#)

14:30  
16:00

Invited lectures

- **Jorge Ruas** - Professor of Molecular Physiology, Karolinska Institutet, Sweden
- **Ana Cadete** - Senior Scientist, Moderna, Cambridge, USA

16:00  
16:30

*Development of lipid-polymer hybrid nanoparticles as a strategy to treat Alzheimer's disease*

- **Catarina Roque**, iMed.Ulisboa / FCT Nova

*Establishment of first organoid model of basal cell carcinoma and study of its response to cisplatin*

- **Andrea Castaneda**, Champalimaud Foundation

*The impact of the sod mimic MnTnHex-2-PyP5+ and MnTnBuOE-2-PyP5+ and its combination with cisplatin in non-small cell lung cancer in vitro*

- **Rita Soares**, iMed.Ulisboa

*Assessment of the expression of AQP7 in human liver and evaluation of the role of AQP7 in hepatocytes*

- **Aakriti Lamsal**, Aarhus University

16:30  
16:50

### Break

16:50  
17:20

*Characterization of immunogenicity produced by COVID-19 vaccines in autoimmune arthritic diseases*

- **Igor Casado**, iMed.Ulisboa

*The role of necroptotic extracellular vesicles in NAFLD pathogenesis*

- **Gonçalo Campino**, iMed.Ulisboa

*Targeting of colorectal cancer stem cells via ferroptosis, a potential immunogenic cell death*

- **Jan Caira David**, iMed.Ulisboa

*Gene editing of the mitochondrial genome to study neurometabolic dysfunction of neural stem cells*

- **Ricardo Pereira**, iMed.Ulisboa / Dusseldorf University

17:20  
18:30

Professional Opportunities: Alumni Roundtable Discussion

- **Pedro Dionísio** - CNC, University of Coimbra, Coimbra (Portugal)
- **Cátia Janota** - PhD, Amgen, Lisbon (Portugal)
- **Joana Marçal** - MSc, Bayer, Lisbon (Portugal)
- **Mariana Ribeiro** - MSc, Luxembourg Centre for Systems Biomedicine (Luxembourg)