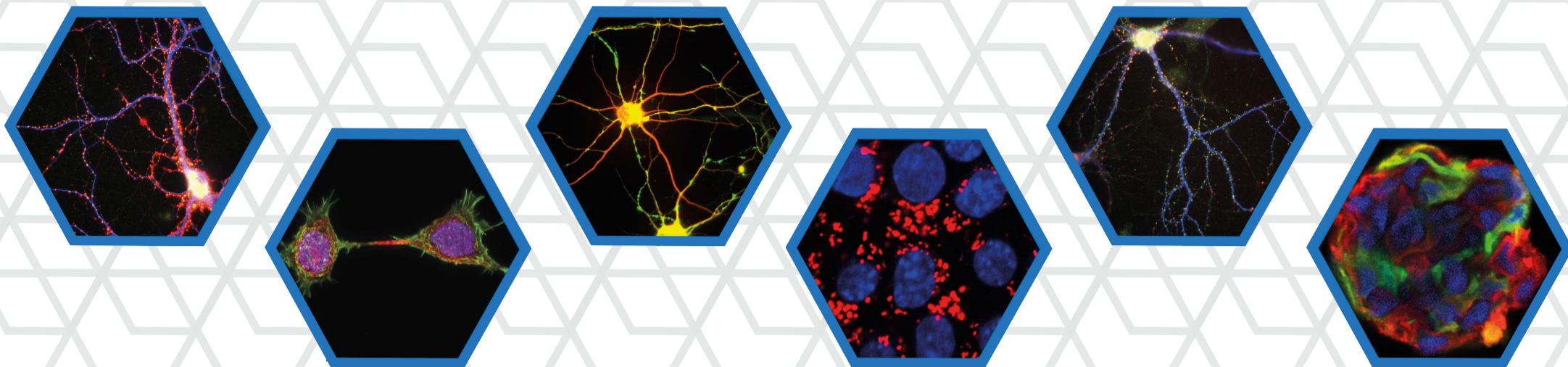


CENTRE FOR INNOVATIVE  
BIOMEDICINE  
AND BIOTECHNOLOGY

# MEETING

UNIVERSITY OF COIMBRA (POLO III, UNIDADE CENTRAL) | DECEMBER 19 - 20, 2019



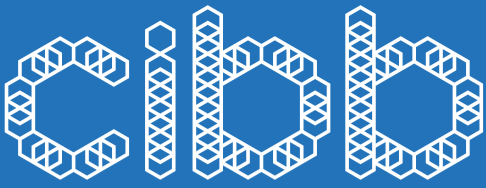
December 19<sup>th</sup>, 2019

- 08h30 | Registration**  
**09h00 - 09h45 | Opening Session**  
 Luís Pereira de Almeida | Coordinator of CIBB  
 João Ramalho-Santos | President of CNC  
 Francisco Ambrósio | Director of ICBR  
 Amílcar Falcão | Rector of UC
- 09h45 - 10h30 | Session I - Neuroscience & Disease – Invited Speaker**  
 Rui Peixoto | Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA, USA  
*Mechanisms of corticostriatal circuit maturation - insights into health and disease.*
- 10h30 - 11h00 | Coffee break**
- 11h00 - 12h30 | Session I – Neuroscience & Disease**  
 CHAIRS: Filipa Baptista & Francisco Q. Gonçalves
- 11h00 - 11h15 | Ana Luísa Carvalho | Coordinator of Neuroscience & Disease.**  
**11h15 - 11h30 | Raquel Boia | Long-lasting retinal neuroprotection using an intraocular implant with adenosine A3 receptor agonist.**  
**11h30 - 11h45 | João Pedro Lopes | ATP-derived adenosine controls synaptic and memory dysfunction in  $\beta$ -amyloid models of Alzheimer's disease.**  
**11h45 - 12h00 | Sandra Morais Cardoso | Parkinson's disease: a symptom of latent infection?**  
**12h00 - 12h15 | Rui O. Costa | Synaptogenesis Stimulates a Proteasome-Mediated Ribosome Reduction in Axons.**  
**12h15 - 12h30 | Ana Cristina Rego | Mitochondrial SIRT3 confers neuroprotection in Huntington's disease models.**
- 12h30 - 13h30 | Lunch break**
- 13h30 - 14h30 | Mini-Poster Session**
- 14h30 - 15h15 | Session II - Innovative Therapies – Invited Speaker**  
 Joana Neves | Instituto de Medicina Molecular (iMM), Faculdade de Medicina, Universidade de Lisboa  
*Immune modulatory interventions in ageing and tissue repair.*
- 15h15 - 16h45 | Session II – Innovative Therapies**  
 CHAIRS: Isaura Simões & Hugo Fernandes
- 15h15 - 15h30 | Lino Ferreira | Coordinator of Innovative Therapies**  
**15h30 - 15h45 | Miguel Lino | Modulation of microRNA Delivery with Light.**  
**15h45 - 16h00 | Nuno Empadinhas | A novel mycobacterial pathway for biogenesis of rare lipid transfer polysaccharides implicated in cell envelope assembly .**
- 16h00 - 16h15 | Catarina Miranda | MSC Success in Promoting Ameliorations in Machado-Joseph Disease - Where do We Stand and Where We Should Go?**  
**16h15 - 16h30 | Judite Coimbra | In silico prediction and in vitro evaluation of new BACE1 inhibitors for Alzheimer's disease.**  
**16h30 - 16h45 | Ana Eulálio | Functional screenings reveal different requirements for host microRNAs in Salmonella and Shigella infection.**
- 16h45 - 17h15 | Coffee Break**
- 17h15 - 18h15 | Special Session on Clinical Trials**  
 CHAIRS: Catarina Resende Oliveira (CHUC), João Sargento Freitas (CHUC) and João Branco (Hospital Rovisco Pais)
- Introduction: João Sargento Freitas (CHUC)
  - How to effectively bridge the bench to bedside: Lino Ferreira (CIBB)
  - Requirements to submit a clinical trial of Advanced Therapy Medicinal Products: Joana Serra (NOVA-CRU)
  - Hurdles of clinical research, a company's perspective: André Gomes (Crioestaminal)
  - Hurdles of clinical research, a public hospital perspective: Diana Breda (CHUC)
- 18h30 - 19h30 | Out of the Box Project: "Holy CIBB" Theatre Play** MARIONET + CIBB Researchers
- 20h00 | Dinner @ Tertúlia d'Eventos**



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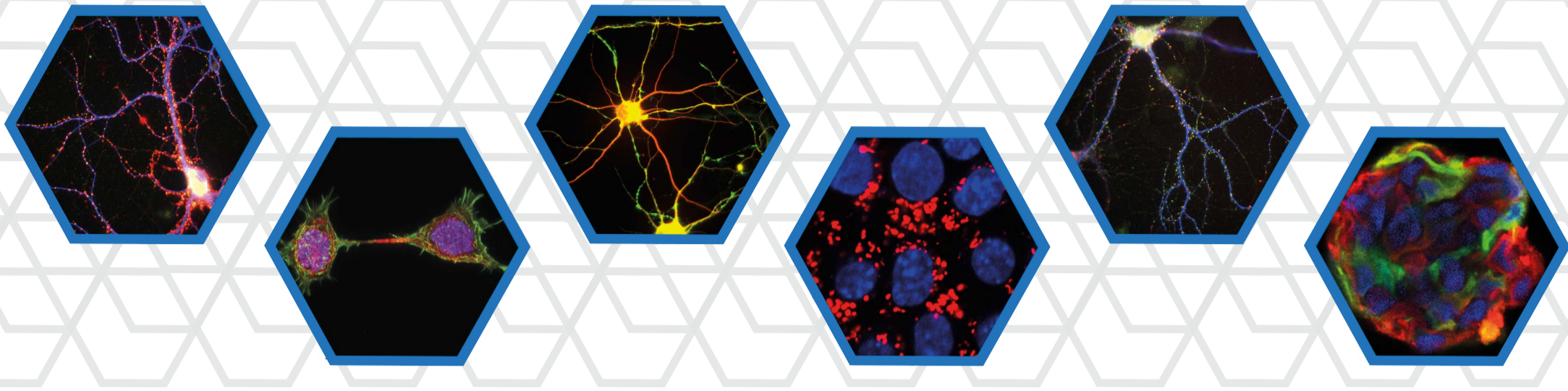




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## December 20<sup>th</sup>, 2019

**09h00 - 10h00 | CIBB PhD Students representatives: presentation and survey results**

João Gonçalves

**CIBB Post Doctoral Researchers representatives: survey results and plans**

Ludgero Tavares

**10h00 - 10h45 | Metabolism, Ageing & Disease – Invited Speaker**

Fátima Baltazar | Life and Health Sciences Research Institute (ICVS), School of Health Sciences, University of Minho

*Altered metabolism as hallmark of cancer: role of lactate transporters.*

**10h45 - 11h15 | Coffee break**

**11h15 - 12h45 | Session III – Metabolism, Ageing & Disease**

**CHAIRS:** Vilma Sardão & Sofia Viana

**11h15 - 11h30 | Paulo Oliveira | Coordinator of Metabolism, Ageing & Disease**

**11h30 - 11h45 | Paulo Matafome | *Modulation of detoxification systems to prevent glycation-induced insulin resistance in metabolic syndrome.***

**11h45 - 12h00 | Ana Raquel Coelho | *Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells.***

**12h00 - 12h15 | Tânia Marques | *The impact of ischemia on extracellular vesicles-mediated communication in the heart.***

**12h15 - 12h30 | Ludgero Tavares | *Contributions of dietary fructose and glucose to de novo lipogenesis.***

**12h30 - 12h45 | Ana Silva | *Connecting the dots in allergy: From basic science to translational research.***

**12h45 | Closing Session**

Cláudia Cavadas | Vice-Rector of UC



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