



CENTRE FOR INNOVATIVE  
BIOMEDICINE  
AND BIOTECHNOLOGY

# CIBB MEETING 2023

DECEMBER 20TH

CENTRAL UNIT OF THE FACULTY OF MEDICINE  
POLO III | UNIVERSITY OF COIMBRA



CENTER FOR NEUROSCIENCE  
AND CELL BIOLOGY  
UNIVERSITY OF COIMBRA  
PORTUGAL



Coimbra Institute  
for Clinical  
and Biomedical  
Research



CEISUC  
CENTRO DE ESTUDOS E INVESTIGAÇÃO EM SAÚDE  
UNIVERSIDADE DE COIMBRA



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para a Ciência  
e a Tecnologia

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## 8.30AM | REGISTRATION

### 9.00AM | WELCOME SESSION

LUÍS PEREIRA DE ALMEIDA, CIBB COORDINATOR

### 9.30AM | KEYNOTE SESSION ON NEUROSCIENCE AND DISEASE

THE ROLE OF NMDA RECEPTORS IN THE AGED GLUTAMATERGIC SYNAPSE

LUÍSA V. LOPES, INSTITUTE OF MOLECULAR MEDICINE (IMM)

CHAIR: LUIS RIBEIRO

### 10.10AM | COFFEE-BREAK

### 10.40AM | KEYNOTE SESSION ON SCIENCE COMMUNICATION

SCIENCE COMMUNICATION: WHAT'S IN IT FOR YOU?

JOANA LOBO ANTUNES, INSTITUTO SUPERIOR TÉCNICO (IST)

CHAIR: SARA VARELA AMARAL

### 11.20AM | RESEARCH @ CIBB SESSION I

IMPACT OF STRESS-LIKE CONDITIONS IN ASTROCYTES: MODULATION BY ADENOSINE A2A RECEPTORS

LILIANA DIAS, CIBB (N&D STRAND)

A POLYMERIC NANOPARTICLE FORMULATION FOR TARGETED MRNA DELIVERY TO FIBROBLASTS

ARTUR FILIPE RODRIGUES, CIBB (IT STRAND)

THE NUCLEOLAR PHOSPHOPROTEINS IN ACUTE MYELOBLASTIC LEUKEMIA: NUCLEOLIN, NUCLEOPHOSMIN AND CLINICAL PROGNOSTICATION

MARTA PEREIRA, CIBB (MAD STRAND)

CHAIRS: ANA RAQUEL FERNANDES ESTEVES & PAULO MATAFOME

### 11.50AM | KEYNOTE SESSION ON INNOVATIVE THERAPIES

NEUROIMMUNE ECOSYSTEMS

HENRIQUE VEIGA-FERNANDES, CHAMPALIMAUD FOUNDATION

CHAIR: LINO FERREIRA

12.30AM | THE FUTURE OF SCIENCE IN PORTUGAL  
TO BE CONFIRMED

CHAIR: LUÍS PEREIRA DE ALMEIDA

### 1.00PM | LUNCH AND DRAW YOUR SCIENCE

### 3.00PM | KEYNOTE SESSION ON METABOLISM, AGING AND DISEASE

SHAPING BLOOD VESSELS IN HEALTH AND DISEASE

CLAUDIO FRANCO, CATOLICA BIOMEDICAL RESEARCH CENTER (CBRC)

CHAIR: TÂNIA MARQUES

3.40PM | KEYNOTE SESSION ON INNOVATION & TECHNOLOGY  
TRANSFER

A FUTURIST MINDSET FOR INNOVATIVE ACTION

RODRIGO SANTOS, NOVO HOLDINGS

CHAIR: CATARINA CUNHA-SANTOS

### 4.20PM | COFFEE-BREAK

### 4.40PM | RESEARCH @ CIBB SESSION II

CARDIAC MOLECULAR ANALYSIS REVEALS AGING-ASSOCIATED METABOLIC ALTERATIONS PROMOTING GLYCOSAMINOGLYCANS ACCUMULATION VIA HEXOSAMINE BIOSYNTHETIC PATHWAY

LUIS GRILO, CIBB (MAD STRAND)

EFFECT OF METHYLPHENIDATE IN THE RETINA: FRIEND OR FOE?

ELIANE SWELY SANCHES, CIBB (N&D STRAND)

EXTRACELLULAR VESICLE-BASED DELIVERY OF SILENCING SEQUENCES FOR THE TREATMENT OF MACHADO-JOSEPH DISEASE/SPINOCEREBELLAR ATAXIA TYPE 3.

KEVIN LEANDRO, CIBB (IT STRAND)

THE IMPACT OF ANTISPERM ANTIBODIES ON SPERM FUNCTION AND MALE REPRODUCTIVE HEALTH ASPECT.

ANDREIA SILVA, CIBB (MAD STRAND)

IL-4 AND ALLERGIES SHAPE MICROGLIA-DEPENDENT PRUNING OF THE CEREBELLUM DURING POSTNATAL DEVELOPMENT.

JOANA GUEDES, CIBB (N&D STRAND)

RESTORING ANTITUMOR IMMUNITY WITH DENDRITIC CELL REPROGRAMMING.

ALEXANDRA GABRIELA FERREIRA, CIBB (IT STRAND)

CHAIRS: RICARDO LEITÃO & ANA BATISTA

### 5.40PM | CIBB PHD STUDENTS AND POSTDOCS REPRESENTATIVES

### 6.00PM | CIBB QUIZZ

6.30PM | CLOSING SESSION

AMÍLCAR FALCÃO, UC RECTOR

### 6.45PM | CIBB SOCIAL GATHERING - WINE, BEER, FOOD & MUSIC



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