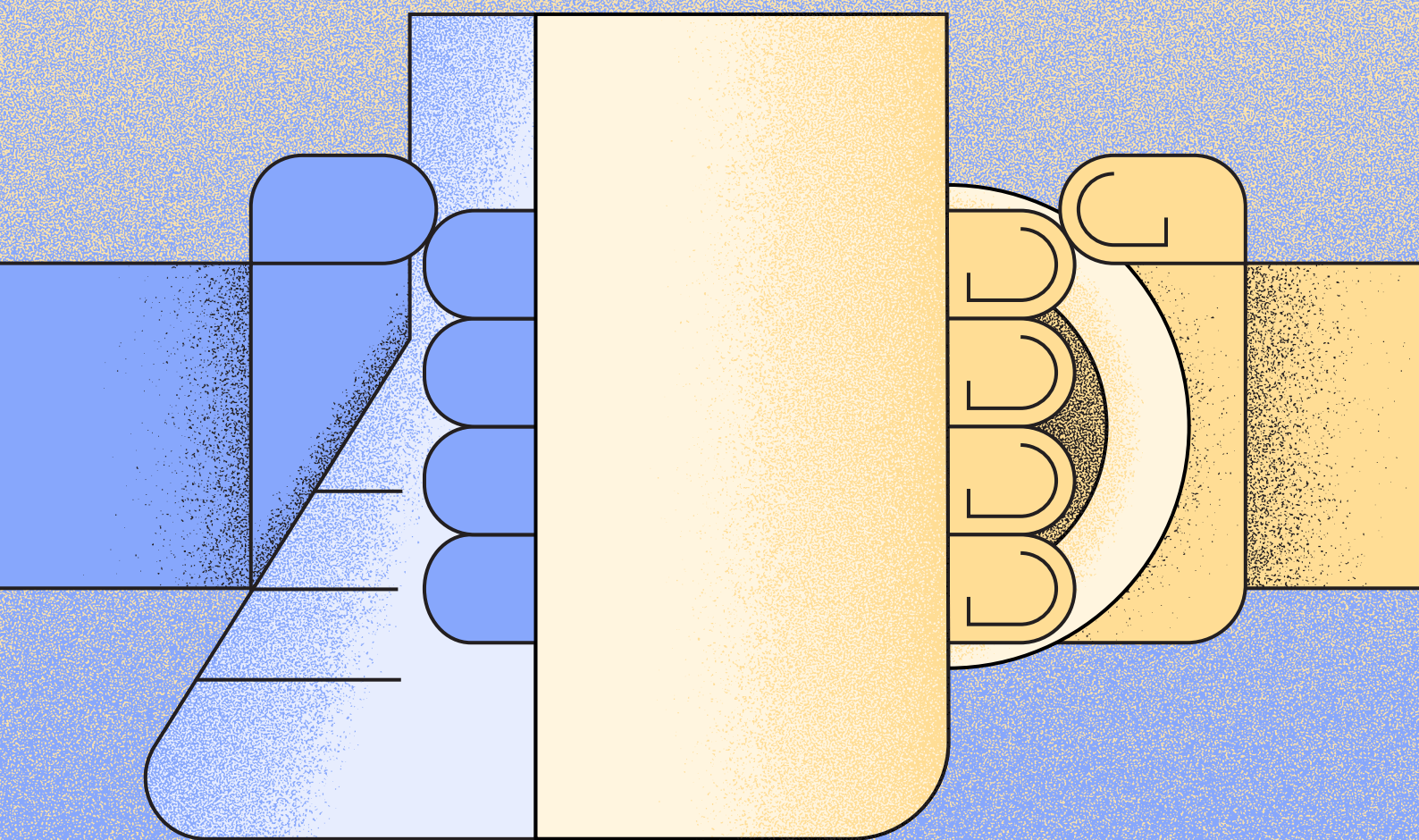


# BEBIN Day

## 2026

Day-to-day Science:  
Translating Research  
into real-world solutions

April 9, 2026  
UC-Exploratório,  
Coimbra



# Program

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- 8:30** Check-in
- 9:30** **Opening session**  
João Ramalho-Santos | III-UC Director  
Nuno Empadinhas | PDBEB Coordinator
- 10:00** **Brain-Machine Interfaces: from basic science to global tool for neurorehabilitation** (Online presentation)  
Miguel Nicolelis | Professor Emeritus - Duke University, Nicolelis Institute of Advanced Brain Studies President
- 10:40** **Coffee break & Poster session**
- 11:30** **Flash talk session 1**  
Luísa Amado | Exploring the contribution of homeostatic plasticity mechanisms in the pathogenesis of autism spectrum disorder (Neuroscience and Disease)  
Débora Mena | Fisetin and CMS121 mitigate palmitic acid-induced lipid dysregulation, neuroinflammation, and microglial death in HMC3 cells (Healthcare Challenges)  
Emanuel Tahiri | Autophagy Off Track: WIPI2 Phosphorylation as an Early Trigger in Alzheimer's Disease (Neuroscience and Disease)
- 12:10** **Flash talk session 2**  
Alejandra Nunez Torres | Dendritic Endosomal Sorting of Newly Synthesized Axonal Membrane Proteins (Neuroscience and Disease)  
Hugo Couto Moreira | Peacemakers for Autoimmunity: Transcriptional Reprogramming of Pathogenic T Cells (Innovative Therapies)  
Nuno Beltrão | Disrupted cerebellar function and social deficits in a mouse model of schizophrenia with CACNG2 mutation (Neuroscience and Disease)
- 12:40** Lunch
- 14:30** **Translational neuroscience research: Two multimodal projects - Firefighters and stress-related disorders & Offenders and intimate partner violence**  
Joana de Oliveira | CIBIT/ ICNAS; FMUC - University of Coimbra (Portugal)

# Program

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- 15:10**      **Flash talk session 3**
- Marcos Pinto | CRISPRa-mediated activation of neuroprotective genes for the treatment of Machado–Joseph disease (Innovative Therapies)
- João Gabriel Silva | Tracking meal [U-13C]glucose conversion to hepatic cytosolic acetyl-CoA in T2D/MASLD patients: non-invasive approach using p-amino benzoic acid (Metabolism, Aging and Disease)
- Carolina Lebre | Type 2 immune dysfunction: a link between atopy and Attention-Deficit/Hyperactivity Disorder (Neuroscience and Disease)
- 15:40**      **Coffee break & Poster session**
- 16:30**      **Restoring GDNF response in a rat model of Parkinson’s disease**
- Cecilia Lundberg | PDBEB External Advisory Committee
- 17:00**      **Discovering the UC doctoral schools: Opportunities for your PhD journey**
- Isabel Nunes Correia | III-UC Doctoral Schools Science Manager
- 17:10**      **PDBEB alumni roundtable**  
**What comes next: Life after PDBEB**
- Moderator: Beatriz Paiva | PDBEB PhD Student
- João Peça | Neuronal Circuits and Behavior Lab Group Leader
- Tânia Perestrelo | Thermo Fisher Scientific Senior Account Manager
- Gil Costa | Scientific Designer and Illustrator
- Inês Caramelo | III-UC Senior Technician
- 18:00**      **Award ceremony & Closing session**
- Luísa Cortes | PDBEB Vice coordinator
- Cristina Marquez | idPIN Co-coordinator
- Luís Almeida | CNC-UC President
- 18:30**      **Social gathering**
- 20:00**      **Dinner**