

Winter School

AGEING & NEURODEGENERATIVE DISEASES

23-27 February 2026

Lisbon, Portugal



Faculdade de Medicina

INVITED SPEAKERS



Aurelijus Burokas, PhD
Life Sciences Center, Vilnius University
Vilnius, Lithuania

The microbiota-gut-brain
axis in aging mice

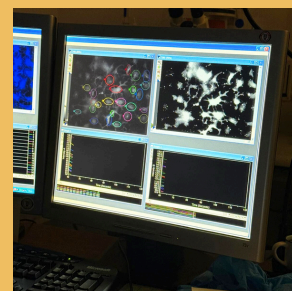


Piotr Chmielarz, PhD
Maj Institute of Pharmacology
Polish Academy of Sciences, Krakow, Poland

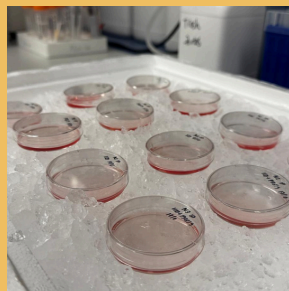
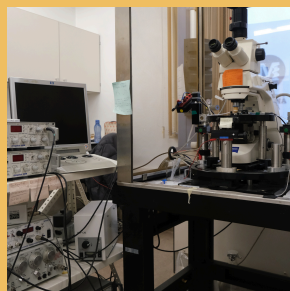
Targeting α -synuclein aggregation
in Parkinson's Disease: from
neurotrophic factor signalling to
nanotechnology-based strategies

SCIENTIFIC SKILLS

**Neural Stem Cells and Their
Potential for Neuroregeneration**
Neurosphere Cultures



**From Synapses to Behaviour:
the Role of Astrocytes**
Calcium Imaging



**Dysregulation of Neurotrophic
Signalling: Implications for
Neurodegenerative Disorders**
Electrophysiology

**Neuroinflammation: a Potential
Therapeutic Target for Brain Diseases**
Organotypic Slice Cultures & Microglia Morphology

TRANSLATIONAL SKILLS

How to Write Winning Fellowship Applications

Beyond Academia: Exploring Careers in Research Management & Administration



Institut
d'Investigacions
Biomèdiques
August Pi i Sunyer