

IBMC  **INEB**

**ON.2 SYMPOSIUM ON
NEURODEGENERATIVE
DISORDERS**

8TH JULY 2014 | IBMC MAIN AUDITORIUM | PORTO- PORTUGAL

The wide spectrum of neurodegenerative diseases (ND) and the variety of disease phenotypes reflect key differences in the primary initiation events, the disease-specific cellular pathologies and the selective involvement of specific neuronal populations/neural networks, highly complex interplay of genetic and environmental factors acting on multiple cell and tissue types. This symposium will bring together groups whose research interests revolve around these questions.

PROGRAMME:

10:00 Approaches to the identification of genetic modifiers in neurological disorders

Isabel Alonso, UnIGENE, IBMC

10.30 Neurodegeneration through the fly's eye

Carla Lopes, Neurodevelopment and Degeneration, IBMC

11:00 The inflammatory response to sciatic nerve injury in a familial amyloidotic polyneuropathy mouse model

Maria Rosinda Coelho, Molecular Neurobiology, IBMC

12:00 Microtubule dependent mechanisms of axonal growth, synapse formation and neuronal longevity

Natalia Sanchez-Soriano, Cellular and Molecular Physiology, Institute of Translational Medicine, University of Liverpool

13:00 Lunch

14:30 Adducin: the actin organizer that governs multiple aspects of neuron biology

Mónica Sousa, Nerve Regeneration, IBMC

15:00 Cytoskeleton regulation in methamphetamine induced changes in hippocampal neuronal morphology

Andrea Lobo, Addiction Biology, IBMC

15.30 Cytoskeleton remodeling: a consequence of TTR exposure?

Marcia Liz, Neurodegeneration, IBMC

16:00 Coffee break

16.30 Ataxin-3 Protein Interaction Networks

Alexandra Silva, Protein Crystallography, IBMC

17:00 Molecular changes within neuronal primary afferent remodeling following spinal cord injury in a mouse model

Ofélia Carvalho, Morphophysiology of the Somatosensory System, IBMC

THE EVENT IS FREE BUT THE REGISTRATION IS MANDATORY:

[HTTP://WWW.IBMC.UP.PT/EVENTOS/REGISTRATIONNEW.PHP?EID=45](http://www.ibmc.up.pt/eventos/registrationnew.php?eid=45)



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