

I Molecular

NEUROPATHOLOGY DAY

Friday
16 February 2018

Neuropathology CBMSO Day

- 10.00 h – 11.30 h Short talks 1-3
Chairperson: Alfredo Giménez-Cassina
Alberto Martínez-Serrano –10.00 h
Technical challenges in neuro-repair strategies. From electrons to waves, to molecules, to brains
Eva Porlan –10.30 h
Intrinsic and extrinsic regulators of adult neural stem cell activation and mode of division
María Llorens –11.00 h
Adult hippocampal neurogenesis in physiology and pathology

11.30 h – 12.30 h Coffee break I & Poster Session
- 12.30 h – 14.00 h Short talks 4-6
Chairperson: Pietro Fazzari
Beatriz López Corcuera –12.30 h
Glycine transporters in human pathologies: hyperekplexia and pain
Beatriz Pardo –13:00 h
Neuronal expression of Aralar (the aspartate-glutamate mitochondrial carrier): Relevance on brain function
Francisco Zafra –13:30 h
Identification of new partners of the brain glutamate transporters
- 15.00 h – 16.30 h Short Talks 7-9
Chairperson: María Llorens
Alfredo Giménez-Cassina –15:00 h
Metabolic control of neuronal function and survival
Lourdes Ruiz-Desviat –15:30 h
Animal and cellular models of neurometabolic disease: pathophysiological studies and therapeutic approaches
Pietro Fazzari –16:00 h
Molecular biology of cortical wiring in health and disease

16.30 h – 17.00 h Coffee break II
- 17.00 h – 18.30 h Short talks 10-12
Chairperson: Eva Porlan
Félix Hernández –17:00 h
Transgenic mice to study Alzheimer disease
Lara Ordóñez –17:30 h
Nanoparticles for therapy and diagnosis of Alzheimer disease
Francisco Wandosell –18:00 h
Akt modulates Tumour-Initiating Cells (TICs) proliferation in gliomas

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