



11-12/11/2013

Hotel Continental, Congress Hall 5
Brno, Czech Republic

CEITEC MASARYK UNIVERSITY WORKSHOP:

CELLULAR AND MOLECULAR NEUROBIOLOGY OF NERVOUS SYSTEM DEGENERATION AND REGENERATION

The Workshop is organized by Research Groups of Cellular and Molecular Neurobiology, and Experimental and Applied Neuropsychopharmacology.

DAY 01

November 11, 2013

The session - Neurobiology of the Endocannabinoid System

(organized by Research Group of Experimental and Applied Neuropsychopharmacology)

09.00	Workshop Opening	
09.10 - 10.00	Lumir Hanus Hebrew University, Jerusalem, Israel	From Cannabis to tetrahydrocannabinol, anadamide and ligands with therapeutic potential.
10.00 - 10.50	Vincenzo Di Marzo Institute of Biomolecular Chemistry (ICB), Consiglio Nazionale delle Ricerche (CNR), Italy	Endocannabinoids and plant cannabinoids in neurodegenerative and neuropsychiatric disorders.
10.50 - 11.20	Coffee break	
11.20 - 11.50	Jordy van Enkhuizen Department of Psychiatry, University of California, San Diego, USA	Cannabinoid-based treatments in animal models of bipolar disorder; from neurobiological markers to cognition.
11.50 - 12.30	William Perry Department of Psychiatry, University of California, San Diego, USA	Altered endocannabinoid system in bipolar disorder; from neurobiological markers to cognition.
12.30 - 14.00	Lunch	
14.00 - 16.00	Meeting Experts	



DAY 02

November 12, 2013

The session - Neurobiology of Nervous system Degeneration and Regeneration

(organized by Research Group of Cellular and Molecular Neurobiology)

09.00	Workshop Opening	
09.10 - 10.00	Doychin N. Angelov University of Cologne, Germany	Effects of physical therapy on neural regeneration and recovery of hind-limbs motor function after experimental compression of the thoracic spinal cord in rats.
10.00 - 10.50	Adam Reid Blond McIndoe Laboratories Regenerative Medicine, University of Manchester	Apoptosis and neuroprotection following peripheral nerve injury.
10.50 - 11.20	Coffee break	
11.20 - 11.50	Alessandro Faroni Blond McIndoe Laboratories Regenerative Medicine, University of Manchester	Neurotransmitter receptors: a novel target to ameliorate the neurotrophic potential of Schwann cell-like adipose-derived stem cells.
11.50 - 12.20	Sara Gnani Dipartimento di Scienze Cliniche e Biologiche, Totino, Italy	The influence of fiber diameter of electrospun substrates on Schwann cells behaviour and axonal outgrowth for nerve tissue engineering.
12.20 - 12.50	Micaela Morelli Department of Biomedical Sciences, Cagliari, Italy	Influence of external factors on 3,4-methylenedioxymethamphetamine (MDMA) - induced dopaminergic neuron degeneration and neuroinflammation: role of age.
12.50 - 14.00	Lunch	
14.00 - 16.00	Meeting Experts	