

V NEUROTOXICITY SOCIETY MEETING

“Towards the understanding of neurodegeneration, nerve regeneration, neuroprotection, neurodevelopment and neurotrophin actions”

April 7th to 10th, 2011 - Uspallata, Mendoza - Argentina

On behalf of the Argentinean Neuroscientists, it is a great pleasure and privilege to invite our colleagues to the “V Neurotoxicity Society Meeting” to be held in Uspallata, Province of Mendoza, Argentina, on April 7-10, 2011.

The meeting venue will be the **Gran Hotel Uspallata**, located 120 km northwest from Mendoza and 240 km east from Santiago de Chile. (www.granhoteluspallata.com.ar).

Organizing committee:

Marta C. Antonelli (Argentina) Chair • Juan Segura Aguilar (Chile) Vice Chair • Alicia Brusco (Argentina) General Secretary • Ana Maria Adamo (Argentina) • Pablo Caviedes (Chile) • Wojciech Danysz (Germany) • Sergio Ferreira (Brazil) • Gilles Guillemain (Australia) • Richard Kostrzewa (USA) • Italo Mocchetti (USA) • Rita Raisman-Vozari (France) • Arne Schousboe (Denmark) • Patricia Setton-Avruj (Argentina) • Lary Walker (USA)

Local organizing committee:

Marta C. Antonelli (Argentina) • Alicia Brusco (Argentina) • Ana Maria Adamo (Argentina) • Patricia Setton-Avruj (Argentina)

Deadlines:

Abstract Submission: January 31st, 2011

Registration: Opens December 3rd through January 31st, 2011

Late Registration: Opens February 1st, 2011 and continues through the meeting

Please see: <http://www.neurotoxicitysociety.org/index.php?section=19>

Conference Speakers: CUELLO, Claudio-Canada • SCHOUSBOE, Arne-Denmark • MACCIONI, Hugo-Argentina

Symposia Speakers: ALI, Syed - USA - Methamphetamine-induced Hyperthermia, Blood Brain Barrier Damage and Neurotoxicity • ANDERSEN, Julie - USA - Iron and Parkinson's Disease • ASCHNER, Michael - USA - C. Elegans and the role of dopamine in Mn-induced neurotoxicity • CADET, Jean Lud - USA - Methamphetamine preconditioning, gene expression, and epigenetic changes in the rat striatum • CAVIEDES, Pablo - Chile - Neuronal cell line models in the study of genetic regulatory circuits and cellular dysfunction in human Down syndrome: Possible therapeutic targets • CECCATELLI, Sandra - Sweden - Glucocorticoids induce long-lasting effects in neural stem cells resulting in senescence-related alterations • COLLINS, Michael - USA - Neuroinflammatory PLA2 mechanisms underlying binge alcohol-induced neurodegeneration: prevention by omega-3 fatty acid • CORY-SLECHTA, Debbie - USA - Stress as a Modifier of Lead-Induced Neurotoxicity: Cumulative Risk • DANYSZ, Wojciech and PARSONS, C.G. - Germany -

Memantine as a treatment of Alzheimer's disease - current status of preclinical data • **ELISABETSKY, Elaine** - Brazil - Could dirty drugs be useful to clean the mess? The role of natural products in neurodegenerative diseases • **FERREIRA, Sergio** – Brazil - Impact of soluble Aβ oligomers on plasticity-related receptors and mechanisms of synapse failure in Alzheimer's disease • **GHISO, Jorge** - USA - Matrix metalloproteases modulate Aβ toxicity in cells compromised by cerebral amyloid angiopathy • **GUILLEMIN, Gilles** – Australia - Kynurenine pathway, Neuroinflammation and Neurodegeneration • **HARRY, Jean**- USA - Age related effects of IL-1 and IL-6 on injury-induced hippocampal neurogenesis • **HERRERA-MARSCHITZ, Mario** – Chile -Plasticity of the CNS following metabolic insults occurring at birth: sentinel proteins as novel therapeutic targets • **HERRERO, María Trinidad** - Spain - Does genetic and environmental interaction in the glucocorticoid receptor increase vulnerability to PD? • **INESTROSA, Nibaldo** – Chile - Roles of Wnt Signaling in the Central Nervous System **KOSTRZEWA, Richard** - USA - Beyond L-DOPA Therapy of Parkinson's Disease • **LEVINE, Harry** - USA - Neuropathology, Aβ Conformation, and Neurotoxicity • **MOCCHETTI, Italo** - USA - Chemokines in neurotoxicity and neuroprotection • **MORATALLA, Rosario** - Spain - Molecular mechanisms involved in the neurotoxicity induced by methamphetamine and MDMA in the striatum • **NORENBERG, Michael** - USA - Ammonia and glutamine as mitochondrial toxins **ONAIVI, Emmanuel** - USA - From cannabinoid genomics to medical marijuana • **OTEIZA, Patricia** - USA - Role of zinc in the developing brain • **PREDIGER, Rui** - Brazil and **RAISMAN-VOZARI, Rita** – France - The intranasal MPTP model of Parkinson's disease: new insights for an old toxin • **REGLODI, Dora** - Hungary - Endogenous protection from stressors: insights from PACAP knockout mice • **ROSTAGNO, Agueda** - USA - Vasculotropic Aβ genetic variants and the activation of mitochondrial apoptotic pathways • **SEGURA AGUILAR, Juan** – Chile - Cytoskeleton disruption during dopamine oxidative metabolism in substantia nigra derived cells and autophagy neuroprotection • **SKOWROŃSKA, Marta** - Poland - Modulation of ammonia-induced oxidative/nitrosative stress in cultured rat brain endothelial cells. • **SPANAKI, Cleanthe** – Greece - Role of GDH in ammonia homeostasis • **TASKER, Andrew** - Canada - Progressive changes in hippocampal structure and function following low-dose neonatal domoic acid • **TIZABI, Yousef** - USA - Some Pharmacological Insights on the Good and Bad of Alcohol and Nicotine • **VON BERNHARDI, Rommy**- Chile - The effect of aging on the brain's defense mechanisms: a new edge on the participation of glia on neurodegenerative diseases • **WAAGEPETERSEN, Helle** – Denmark - Ammonia neurotoxicity and role of alanine as an ammonia scavenger • **WALKER, Lary** - USA - Prion-Like Seeding of Cerebral Aβ Deposition in Transgenic Rodents • **ZHOU, Xin-Fu** - Australia - Role of p75NTR in the toxicity and endocytosis of Aβ

Course

“NEUROBIOLOGICAL BASIS OF DRUG ADDICTION”

associated to the “V NEUROTOXICITY SOCIETY
MEETING”

Location: Gran Hotel Uspallata and Gran Hostel Uspallata. Uspallata, Mendoza, Argentina

Dates: April 6-10, 2011

The main aim of the graduate school is to contribute to the knowledge of the neurobiological mechanisms of drug addiction. Experimental models in laboratory animals for the different aspects of drug addiction: abstinence, sensitization, reinstatement, tolerance and compulsion, will be covered. It will include generalizations of shared processes and the individual characteristics for opioids, benzodiazepines, psychostimulants, cannabinoids, nicotine and alcohol. The newest molecular advances and the different neural mechanisms in the context of the several theories of addiction will be discussed.

The school is orientated to students enrolled in Doctoral and Master Programs, as well as to young investigators in the Neuroscience areas, holding a Biochemistry, Medical, Biologist, Psychology, Pharmacy or Chemical Sciences degree.

The Neurotoxicity Society is pleased to offer 30 scholarships for PhD students that will cover accommodation and meals during the premeeting course and main meeting (April 6 to April 10).

The course will be divided in three modules:

I - Theoretical classes with papers discussions (April 6-7)

II - Main meeting with discussions at posters (April 7-10)

III - Final discussion with evaluation (April 10)

Interested students should submit a complete application which must include a brief curriculum vitae of no more than two pages and a preliminary abstract (the area of study should not necessary be related to the course subject).

Send to: nts@ffyb.uba.ar , before December 15th 2010

Successful applicants will be awarded a scholarship sponsored by IUBMB and IBRO, which will cover tuition course fees, teaching materials, all meals and accommodation during the course and meeting. Registration fee is not included. (US \$25 for Student Members and US \$75 for Students Non Members). Students are expected to present a poster during the main NTS meeting and to attend all conferences, symposiums and poster sessions. The Committee decision will be e-mailed to successful applicants before January 10th, 2011.

Organizers:

Dr. Liliana M Cancela - IFEC-CONICET, Professor Departamento de Farmacología, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba.

Dr. Alicia Brusco – IBCN (UBA-CONICET), Professor Departamento Biología e Histología, Facultad de Medicina, Universidad de Buenos Aires.

For more details please see: <http://www.neurotoxicitysociety.org/index.php?section=28>

Contact: Mss. Silvina Ceriani, Meeting Manager E-mail: nts2011@ffyb.uba.ar

Satellite Meeting Iguazu Falls:
**“NEUROPROTECTION AND NEUROREPAIR: New
Strategies”**

Place: Loi Suites Iguazú Hotel, Puerto Iguazú, Misiones, Argentina.

Dates: April 11-13, 2011 (3 nights/2 days)

Secretariat e-mail: nts@ffyb.uba.ar

Please see: <http://www.neurotoxicitysociety.org/index.php?section=30>

Deadlines:

Early Registration: January, 31rd 2011

Registration Fees:

NTS Members: USD 100 (late USD 200)

Non Members: USD 200 (late USD 300)