



2nd International Conference on
NEUROLOGY AND
BRAIN DISORDERS



INBC
2018



TENTATIVE
Program

ADVANCEMENTS AND CHALLENGES IN
NEUROSCIENCE & BRAIN DISORDERS

JUNE 04-06, 2018
ROME, ITALY

Tentative Program

Keynote Presentations

Title: Discovery of markers for brain tumors starting from mouse models

Maria-Magdalena Georgescu, Louisiana State University, USA

Title: Intraarterial administration of norcantharidin attenuates ischemic stroke damage in rodents when given at the time of reperfusion: Novel uses of endovascular capabilities

Robert J. Singer, Eastern Maine Medical Center, USA

Title: Brain dynamics of normal and abnormal learning, memory, and cognition with applications to Alzheimer's disease, amnesia, autism, and neglect.

Stephen Grossberg, Boston University, USA

Title: The significant outcomes and rationale of exploiting chaos in the CNS - To accelerate functional rejuvenation of the lesioned spinal cord

Ken Ware, NeuroPhysics Therapy Institute and Research Centre, Australia

Title: Molecular mechanisms underlying constitutive activation of the EGF receptor in glioblastoma

Ichiro Maruyama, Okinawa Institute of Science and Technology Graduate University, Japan

Title: Synchronization and chaos in brain activity

Marat Akhmet, Middle East Technical University, Turkey

Title: Investigation of brain systems: From activations to interactions

Svyatoslav Medvedev, N.P.Bechtereva Institute of the Human Brain of the Russian Academy of Sciences, Russia

Title: Posttraumatic stress disorder: Functional organic transition

Margarit Tadevosyan, Artmed Medical Rehabilitation Center, Armenia

Title: Aging and traumatic brain injuries: involvement of cholinergic transmission in preclinical tests of executive function.

Corina O. Bondi, University of Pittsburgh, USA

Title: Relationship between spinal cord injury, epigenetic and physical exercise

Viviane Elsner, IPA Methodist University, Brazil

Title: The Integral Role of Neurosurgery in Managing Rare Craniofacial Anomalies

Hazem A. Mostafa, Ain Shams University, Egypt

Oral Presentations

Session on: Behavioral Neurology & Neuropsychiatry | Pediatric Neurology

Session chair: Margarit Tadevosyan, Artmed Medical Rehabilitation Center, Armenia

Title: Robot assisted rehabilitation in children with cerebral palsy

Flaminia Frascarelli, Children Hospital Bambino Gesù, Italy

Title: Identification and Mitigation of Post-operative Delirium

Arun L. Jayaraman, Mayo Clinic Arizona, USA

Title: The Neurology of 22q13 Deletion Syndrome (Phelan McDermid Syndrome)

Yitzhak Frank, Mount Sinai Medical Center, USA

Session on: Neurological Disorders and Stroke | Neuro-Oncology and Brain Tumour

Session chairs:

Anthony Kline, University of Pittsburgh, USA

Ichiro Maruyama, Okinawa Institute of Science and Technology Graduate University, Japan

Maria-Magdalena Georgescu, Louisiana State University, USA

Title: Do lower limb robotic exoskeletons have a role in neurological rehabilitation? A systematic review

Jodie Marquez, University of Newcastle, Australia

Title: Continued refinement of environmental enrichment as a preclinical model of neurorehabilitation after experimental brain trauma

Anthony E. Kline, University of Pittsburgh, USA

Title: Effects of 20-HETE on angiogenesis and neuroplasticity after experimental ischemic stroke

Yu Liu, Jinan University, Zhuhai, China

Title: Frameless stereotactic radiotherapy alone and combined with temozolomide for canine gliomas

Mario Dolera, La Cittadina Fondaziobe Studi e Ricerche Veterinarie, Italy

Luca Malfassi, La Cittadina Fondaziobe Studi e Ricerche Veterinarie, Italy

Session on: Alzheimers disease and Dementia care | Parkinsons disease and Movement Disorders | Neurodegenerative Disorders

Session chairs:

P. Hemachandra Reddy, Texas Tech University Health Sciences, USA

Harry W.M. Steinbusch, Maastricht University Medical Center, Netherlands

Marat Akhmet, Middle East Technical University, Turkey

Title: Abnormal mitochondrial dynamics and defective synapses: Protective role of reduced dynamin-related protein 1 in alzheimer's disease

P. Hemachandra Reddy, Texas Tech University Health Sciences, USA

Title: Multiple sclerosis in mediterranean countries

Jera Kruja, University of Medicine, Tirana, Albania

Title: The hypothalamic functions on prader willi syndrome (PWS)

Marta Pace, Italian Institute of Technology - Genoa, Italy

Title: Chronic amphetamine exposure during development causes epigenetic and behavioral effects in adult animals and progeny

Lucia Carvelli, Florida Atlantic University, USA

Title: Movement Analysis and Technological Rehabilitation in the field of pediatric neurological disorders

Maurizio Petrarca, Bambino Gesu Childrens Hospital, Italy

Session on: Central Nervous System | Cerebrovascular Diseases | Neuropharmacology

Session chairs:

Harry W.M. Steinbusch, Maastricht University Medical Center, Netherlands

Najib Murr, Southern Illinois University School of Medicine, Illinois

Title: Neural mechanisms for understanding speech in noise

Tobias Reichenbach, Imperial College London, UK

Title: New perspectives for a more suitable therapeutic approach for huntington's disease

Vittorio Maglione, IRCCS Neuromed, italy

Title: A stable synapse: improved learning and memory via neuronal immune receptor and endocannabinoids

Maja Djuricic, Stanford University, USA

Title: Arrestin-3-dependent activation of the JNK pathway as a therapeutic target for L-DOPA-induced dyskinesia

Eugenia V Gurevich, Vanderbilt University, USA

Title: Astrocytes as the pivotal damage—management and repair cells after focal injury in the CNS

Swetlana Sirko, Ludwig-Maximilians-University Munich, Germany

Title: Toward selective modulators of GABA-A receptors

Karol S. Bruzik, The University of Illinois at Chicago, USA

Title: Drug and Substance Abuse in Refractory Epilepsy

RAAFAT ABDELDAYEM, Mansoura University, Egypt

Session on: Neuroimaging and Brain Engineering | Neuro Therapeutics, Diagnostics and Case Studies

Session chair: Marat Akhmet, Middle East Technical University, Turkey

Title: Determining the merits of the REX Bionics Exoskeleton in neuro-rehabilitation post stroke

Nicola Postol, University of Newcastle, Australia

Title: Therapeutic regimen of L-arginine for patients with MELAS: 9-year, prospective, multi-center, clinical research integrating the data from two 2-year clinical trials with 7-year follow-up

Yasutoshi Koga, Kurume University Graduate School of Medicine, Japan

Title: Negative phenotypic plasticity in elite athletes resulting from 'Bigger, Stronger, Faster attitudes and demands of coaches'

Ken Ware, NeuroPhysics Therapy Institute and Research Centre, Australia

Title: Executive Disorders. Functional analysis, habilitative treatments and early Prevention

PALMIERI ELEONORA, University in Macerata, Italy

Piero Crispiani, University in Macerata, Italy

Title: Antigravity suit "Atlant" in neurological rehabilitation of patients with motor and cognitive impairments

Valida Isanova, Kazan State Medical University, Russia

Work Shop

Title: The intersections of traumatic brain injury, strangulation and domestic violence

CarolAnn Peterson, University of Southern California, USA

Poster Presentations

Title: The Geriatric Psychiatry Inpatient: an Anatomy of Care

Howard. H. Fenn, Stanford/VA Health Care System, USA

Title: An unusual case of Takayasu arteritis aneurysm

Richard Francis, Royal united hospital, UK

Title: Idiopathic Intracranial Hypertension In Class Iii Obese Patients: Aetiological Characterisation Based On A Nationwide Database

Elisabetta Muttoni, Whiston Hospital NHS Trust, UK

Title: Spectrum of schizophrenia and alcoholism: a comparative cognitive

Bernadete Marcia Voichcoski, Technological Federal University of Parana/Electronica, Brazil

Title: A3 adenosine receptor agonists did not protect hippocampal slices under excitotoxicity conditions

Karine Bertoldi, Universidade Federal do Rio Grande do Sul, Brazil

Title: Pre- and neonatal exposure to lead (Pb) induces alteration in energy metabolism in developing brain of rat offspring

Baranowska-Bosiacka Irena, Pomeranian Medical University in Szczecin, Poland

Title: Natural technology of high quality transition to healthy activity

Evgeniy Bryndin, Novosibirsk State Medical University, Russia

Title: In vitro effect of acetylcholinesterase inhibitor donepezil on prostaglandin E2 and thromboxane B2 concentrations and on cyclooxygenases expression in THP-1 macrophages

Marta Goschorsk, Pomeranian Medical University in Szczecin, Poland

Title: Role of fluoride in changes of metalloproteinases activity in brain

Izabela Gutowska, Pomeranian Medical University in Szczecin, Poland

Title: Astrocyte Reactivation is Concerned in BBB Recovery from Breakdown

Hiroko IKESHIMA-KATAOKA, WASEDA University, Faculty of Science and Engineering, Japan

Title: Culprit Lesions Responsible for Impaired Visual Perception in Post-stroke Patients

Hyun Im Moon, Bundang Jesaeng Hospital, Korea

Title: The role of red blood cell as a participant in vasoregulation in the patients with ischemic stroke

Kruchinina Margarita Vitalievna, Research Institute of internal and Preventive Medicine- Branch of the Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences, Russia

Title: The neuroprotective effect of 1-methyl-1,2,3,4-tetrahydroisoquinoline against perinatal exposure of fluorine

Wasik Agnieszka, Institute of Pharmacology PAS, Poland

Title: Participation of dystrophin dp40 and dp40/170p in the neuronal differentiation process of pc12 cells

César García-Cruz, Centro de Investigación y Estudios Avanzados del IPN, México

Title: Intraperitoneal injection of VUF-8430 in mice induced a decrease in CREB and CREB phosphorylation levels in the cerebellar vermis and prefrontal cortex, but not in amygdala and hippocampus.

Carlos Eduardo Monici Fernandes, Federal University, Brazil

Title: Histamine improves mice rota-rod performance through H1 and H2 receptors in the cerebellar vermis

Bruna Silva Marques, Federal University of Sao Carlos, Brazil

Title: Co-treatment with antidepressants and aripiprazole reversed the MK-801-induced schizophrenia-like behavior in rats

Zofia Rogoz, Institute of Pharmacology Polish Academy of Sciences, Poland

Title: ANGIOTROPIC B CELL LYMPHOMA: A Great Chameleon

Keerthi Madhurya Kethireddi, EastSussex Healthcare NHS Trust, UK

Title: The amygdala modulates H1-induced memory retrieval deficit via nicotinic acetylcholine receptors.

Kelly Regina Serafim, Center University Central Paulista, Brazil

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Conference Dates: June 04-06, 2018

Questions? Contact +1 (702) 988-2320 or Inquires: neurology@magnusconferences.com

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