

**INBC 2017**

International Conference on  
Neurology and Brain Disorders

*Advancements and Challenges in Neurosciences & Brain Disorders*

Conference Program

venue:  
Eurostars Rey Don Jaime  
Av. de les Balears, 2, 46023  
Valencia, Spain

June 26–28, 2017 | Valencia, Spain

## Day 1 June 26, 2017 (Monday) @ Salón Sorolla 1

### 08:00-08:40 Registrations

Moderator: Leonardo Pignataro, Columbia University-City University of New York-CSI, USA

### 08:40-09:00 Introduction

### Keynote Presentations

**09:00-09:30** Title: **Pre-coupling of receptor oligomers and signaling molecules: Challenging classical pharmacology**  
Sergi Ferre, National Institute on Drug Abuse (NID, NIH), USA

**09:30-10:00** Title: **Dorsal raphe dual serotonin-only and serotonin-glutamate neurons synapsing on VTA dopamine neurons drive dopamine release and reward**  
Marisela Morales, National Institute on Drug Abuse (NID, NIH), USA

### Special Session

**10:00-10:30** Title: **Spring break: A true story of hope and determination**  
Steven Benvenisti, United States Civil Attorney and Partner at Davis, USA

### Group Photo

### 10:30-10:50 Coffee Break @ Hall planta P

### Session on: Neurodegenerative disorders

Chair: Michel Baudry, Western University of Health Sciences, USA

Co chair: Serhiy Forostyak, Charles University, Czech Republic

**10:50-11:10** Title: **Calpain-2: A new target for the prevention of neurodegeneration**  
Michel Baudry, Western University of Health Sciences, USA

**11:10-11:30** Title: **Mechanisms of cerebral hyperexcitability induction by antiviral acute phase response**  
Miranda N. Reed, Auburn University, USA

**11:30-11:50** Title: **Discovery of novel inhibitors of P300/CBP-associated factor (PCAF)**  
Stephen Wren, University of Oxford, UK

**11:50-12:10** Title: **Multiple Sclerosis, corpus callosum and bedside test**  
KHIN MAUNG BO, Northern Lincolnshire and Goole NHS Foundation Trust, UK

**12:10-12:30** Title: **Mutant Profilin1 transgenic mice recapitulate cardinal features of motor neuron disease**  
Mahmoud Kiaei, University of Arkansas for Medical Sciences, United States

**12:30-12:50** Title: **Upgraded prodromal diagnosis of parkinson's disease based on a search for biomarkers and a provocation test**  
Michael Ugrumov, Institute of Developmental Biology RAS, Russian Federation

**12:50-13:10** Title: **Neuropathology of neuronal intermediate filament inclusion disease (NIFID): Immunophenotypic and topographical analysis of the neuronal inclusions**  
Kimiko Inoue, Toneyama National Hospital, Japan

### 13:10-13:50 Lunch Break @ Restaurante Albufera

**13:50-14:10** Title: **Tamoxifen : Not only a breast cancer drug but also a putative neurodegenerative disorder treatment ?**  
Caroline Corbel, Institut de Recherche Dupuy de Lôme (IRDL), France

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14:10-14:30	<b>Title: The application of human mesenchymal stem cell for alzheimer's disease</b> Jong Wook Chang, Samsung Medical Center, Korea
14:30-14:50	<b>Title: Isometric exercise training for managing vascular risk factors in mild cognitive impairment and alzheimer's disease</b> Nicole Hess, University of New England, Australia
14:50-15:10	<b>Title: Perturbed stress granule dynamics in RNA-mediated neurodegenerative diseases</b> Udai Pandey, University of Pittsburgh Medical Center, USA
15:10-15:30	<b>Title: Telomerase in brain and the beneficial effects of telomerase activators on brain ageing and neurodegeneration</b> Gabriele Saretzki, Newcastle University, UK
15:30-15:50	<b>Title: SOD1- linked familial ALS with marked intrafamilial phenotypic variation. How do clinical features relate to pathology?</b> Shinji Ohara, Matsumoto Medical Center, Japan
15:50-16:10	<b>Coffee Break @ Hall planta P</b>
16:10-16:30	<b>Title: Parkin and p53 functional interplay in parkinson's disease and brain tumors physiopathology</b> Cristine Alves da Costa, Institut de Pharmacologie Moléculaire et Cellulaire, France
16:30-16:50	<b>Title: Ethanol modulates gene expression in the brain by activating the heat shock pathway</b> Leonardo Pignataro, Columbia University-City University of New York-CSI, USA
16:50-17:10	<b>Title: Misregulation of an activity-dependent splicing network as a common mechanism underlying autism spectrum disorders</b> Sabine Cordes, Lunenfeld-Tanenbaum Research Institute/Mt Sinai Hospital, Canada
17:10-17:30	<b>Title: Targeting copper for the treatment of neurodegeneration</b> Jeffrey Liddell, University of Melbourne, Australia
17:30-17:50	<b>Title: Continuous real-time monitoring of brain extracellular fluid using microamperometric sensors and their application in a humanized mouse model of Parkinson's disease</b> Niall Finnerty, Maynooth University, Ireland
17:50-18:10	<b>Title: Alzheimer's disease and diabetes in context: Common surface receptors, adaptors and degenerative signals</b> Debashis Mukhopadhyay, Saha Institute of Nuclear Physics, India
18:10-18:30	<b>Title: The kynurenine pathway in brain cells and its involvement in neuroinflammatory diseases</b> Gilles Guillemin, Macquarie University, Australia
18:30-18:50	<b>Title: Low dose chronic prenatal alcohol exposure abolishes the pro-cognitive effects of angiotensin IV</b> Abigail Takyi, University of Brighton, UK

Panel Discussion

## Day 2 June 27, 2017 (Tuesday) @ Salón Sorolla 1

Moderator: Udai Pandey, University of Pittsburgh Medical Center, USA

### Keynote Presentations

09:00-09:30	<b>Title: Cobalamin, normal prions, and epidermal growth factor. A three-cornered hat</b> Giuseppe Scalabrino, University of Milan, Italy
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09:30-10:00	<b>Title: Epigenetic changes and brainstem dysfunction in neuropsychiatric disorders – AD/PD/Anx</b> Harry W.M. Steinbusch, Maastricht University, The Netherlands
10:00-10:30	<b>Title: Stroke in south asians</b> Pankaj Sharma, University of London, UK Sapna Sharma, University of London, UK
10:30-10:50	<b>Coffee Break @ Hall planta P</b>
<b>Session on: Behavioral Neurology &amp; Neuropsychiatry   Paediatric Neurology</b>	
<b>Chair: Marisela Morales, National Institute on Drug Abuse (NID, NIH), USA</b> <b>Co-chair: Udai Pandey, University of Pittsburgh Medical Center, USA</b>	
10:50-11:10	<b>Title: Disorders of consciousness: Basic and applied research</b> Medvedev Svyatoslav, N.P.Bechtereva Institute of the Human Brain of the Russian Academy of Sciences, Russian Federation
11:10-11:30	<b>Title: Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression</b> Martin L. Pall, Washington State University, USA
11:30-11:50	<b>Title: Involvement of the occipito-temporal pathway in delayed reaching: Data from a case of optic ataxia</b> Sergio Chieffi, Second University of Naples, Italy
11:50-12:10	<b>Title: Automatic analysis of spontaneous speech for detecting mild cognitive impairment: A screening tool?</b> Laura Calza, University of Bologna, Italy
12:10-12:30	<b>Title: The mGlu4 receptors as target for novel antipsychotic drugs; Interactions with other neurotransmitter systems</b> Andrzej Pilc, Polish Academy of Sciences, Poland
12:30-12:50	<b>Title: Sensory processing in autism spectrum disorders: literature review and perspective on the latest theories</b> Razvana Stanciu, Universite Libre de Bruxelles (ULB), Belgium
12:50-13:10	<b>Title: The magic and mystery of brain serotonin</b> Kathryn Commons, Children's Hospital Boston-Harvard Medical School, USA
13:10-13:50	<b>Lunch Break @ Restaurante Albufera</b>
13:50-14:10	<b>Title: Psychiatric pathology in somatically ill hospital patients: Implications of current data on consultation-liaison psychiatry</b> Caroline Lucke, Medical Campus University of Oldenburg, Germany
14:10-14:30	<b>Title: Changes in the orexin system in the rats expressing learned helplessness behaviors</b> Sabrina Wang, National Yang-Ming University, Taiwan
14:30-14:50	<b>Title: Cux1 enables inter-hemispheric connections of layer II-III neurons by regulating Kv1-dependent firing</b> Marta Nieto, Spanish National Research Council, Spain
14:50-15:10	<b>Title: The impact of physical exercise on the modulation of epigenetic and inflammatory markers in schizophrenic individuals</b> Viviane Rostiola Elsner, IPA Methodist University, Brazil

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**15:10-15:30** Title: **FDG PET, DAT SPECT and olfaction in rapid eye movement sleep behavior disorder**  
K.L. Leenders, University of Groningen, The Netherlands

**15:30-15:50** Title: **Masgutova Neuro-Sensory-Motor Reflex Integration (MNRI)**  
Leah K. Light, Brainchild Institute, USA

## Special Session

**15:50-16:20** Title: **English for scientists – Getting published**  
Robyn Tolhurst, Red Fern Communication, Australia

**16:20-16:40** Coffee Break @ Foyer

## Salón Sorolla 2

Session on: **Neurological Disorders and Stroke**

Chair: **Pankaj Sharma, University of London, UK**

Co-chair: **Henry Bakunts, International Medical Centre "STROKE", Republic of Armenia**

**10:50-11:10** Title: **Novel stroke care delivery designs**  
Kenneth Gaines, Vanderbilt university Medical Center, USA

**11:10-11:30** Title: **Blockade of NMDA receptors in the developing cortex and consequences on the autophagic death of migrating interneurons**  
Bruno Gonzalez, Inserm - U1245 Team NeoVasc, France

**11:30-11:50** Title: **Post-acute stroke rehabilitation**  
Raquel Sofia Marques Neves, Amana Healthcare Medical and Rehabilitation Hospital, UAE

**11:50-12:10** Title: **Areas of applications and the market of non-linear technologies for restoration and modulation of the dynamics of brain activity and behavior**  
Marina Vladimirovna Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russian Federation

**12:10-12:30** Title: **EEG data analysis for motor rehabilitation of stroke patients**  
Laehyun Kim, Korea Institute of Science and Technology, Korea

**12:30-12:50** Title: **Computer cognitive training in acute stroke**  
Prokopenko Semen, Krasnoyarsk State Medical University, Russian Federation

**12:50-13:10** Title: **Neuroprotective agents target molecular mechanisms of programmed cell death after traumatic brain injury**  
Luyang Tao, Soochow University, China

**13:10-13:50** Lunch Break @ Restaurante Albufera

**13:50-14:10** Title: **Bilingualism: Cognitive assessment of post stroke patients in republic of tyva**  
Anna Bezdeneznykh, Krasnoyarsk State Medical University, Russian Federation

**14:10-14:30** Title: **The use of the infrascanner to prevent head injuries in combat sport**  
M.R. Graham, Llantarnam Health Care, UK

**14:30-14:50** Title: **Stem cells application for the therapy of neurological disorders**  
Serhiy Forostyak, Charles University, Czech Republic

**14:50-15:10** Title: **Healthy and successful pregnancy while receiving intrathecal ziconotide for arachnoiditis-related chronic pain**  
Gladstone C McDowell, Integrated Pain Solutions, USA

**15:10-15:30** Title: **Novel therapeutic strategies to improve t-PA therapy and promote recovery after stroke**  
Saema Ansar, Lund University, Sweden

**15:30-15:50** Title: **Selenium and alzheimer's disease: Facts and effects**  
Barbara R. Cardoso, University of Sao Paulo, Brazil

15:50-16:10

**Title: Urgent carotid endarterectomy after acute stroke**  
Hassan Ravari, Mashhad university of medical sciences, Iran

16:10-16:30

**Coffee Break @ Hall planta P**

## Poster Presentations 16:30 - 17:30

P1

**Title: Draining the brain: Neuronal plasticity and hydration control**

Maria P. McGee, Wake Forest University Medical School, USA

P2

**Title: Chronic alcohol-mediated egress of a subunit of glucosidase ii out of the rough endoplasmic reticulum**

Antje Anji, Kansas State University, USA

P3

**Title: S1PR-1 as a new target for the treatment of tau-related pathologies?**

Guy Massicotte, Quebec University, Canada

P4

**Title: Olfactory hallucination in a super smeller**

Weller Alexandra, Carribbean Medical University School of Medicine, Netherlands

P5

**Synergistic interaction of TP-427 (a novel antiepileptic compound) with valproate in the mouse model of tonic-clonic seizures – an isobolographic transformation**

Maria Kondrat-Wrobel, Medical University of Lublin, Poland

P6

**Title: In vivo characterisation of microamperometric sensors in the brain extracellular fluid of immunocompromised mice**

Caroline Reid, Maynooth University, Ireland

P7

**Title: Improvement of the functional state of the brain in patients in disorders of consciousness as result of the treatment of generalized spasticity with incobotulinumtoxin A (Xeomin®)**

Korotkov Alexander, N.P.Bechtereva Institute of the Human Brain of the Russian Academy of Sciences, Russian Federation

P8

**Title: Change of functional state of the brain at the time of botulinum toxin therapy of generalized spasticity in patients with disorders of consciousness**

Vainshenker Yulia, N.P.Bechtereva Institute of the Human Brain of the Russian Academy of Sciences, Russian Federation

P9

**Title: Changes in expression of metalloproteinase 2 and 9 and their inhibitors in the neurotoxic effects of fluoride**

Agnieszka Lukomska, Pomeranian Medical University, Poland

P10

**Title: The influence of pre and neonatal exposure to sodium fluoride on cyclooxygenases activity in rats brain**

Karolina Dec, Pomeranian Medical University, Poland

P11

**Title: Dronedarone potentiates the anticonvulsant activity of lamotrigine in the model of tonic-clonic seizures in mice**

Katarzyna Zaluska, Medical University of ublin, Poland

P12

**Title: Quantitative analysis of 7.04T magnetic resonance images in the formation of white matter lesion in chronic hypertensive model rat**

Takashi Koizumi, Kyoto Prefectural University of Medicine, Japan

P13

**Title: miR-196a enhances neuronal morphology through suppressing RANBP10 to provide neuroprotection in huntington's disease**

Shang-Hsun Yang, National Cheng Kung University College of Medicine, Taiwan

P14

**Title: Psychiatric disorders caused by chronic pain and the underlying neural mechanisms**

Yuanyuan Wu, Zhejiang Chinese Medical University, China

- P15** Title: Behavioral and pharmacological characterization of thiosemicarbazide convulsions in the rat  
ANWAR SATEF, University of hassan 1 SETTAT, Morocco
- P16** Title: Arachidonyl-2'-chloroethylamide enhances the anticonvulsant potency of levetiracetam in psychomotor seizure test in mice  
Maria Kondrat-Wrobel, Medical University of Lublin, Poland
- P17** Title: The relationship between global acetylation histone H4 levels and spinal cord injury: an experimental study  
Viviane Rostirola Elsner, IPA Methodist University, Brazil
- P18** Title: Effectiveness and safety of intrathecal ziconotide: Interim analysis results from a single center of the patient registry of intrathecal ziconotide management  
Gladstone C McDowell, Integrated Pain Solutions, USA
- P19** Title: Impact of changes in intraoperative evoked potential monitoring on stroke rates in intracranial aneurysmal surgery  
Jihye Park, Seoul St.Mary Hospital, Korea
- P20** Title: Neuroinflammation, glial activation, oxidative stress and behavioral deficit in the hippocampus following short-term adrenalectomy  
Naserddine Hamadi, United Arab Emirates University, UAE
- P21** Title: Long-term effects of perinatal undernutrition in the brain and behavioral gustatory development of the rat  
MARIA DIANA LORENA RUBIO NAVARRO, Universidad Nacional Autonoma de Mexico, Mexico.
- P22** Title: Cardinal signs in parkinson's disease and agonists, antagonists, stabilisers  
KHIN MAUNG BO, Northern Lincolnshire and Goole NHS Foundation Trust, UK

Panel Discussion

## Day 3 June 28, 2017 (Wednesday) @ Salón Sorolla 1

Moderator: Michael Ugrumov, Institute of Developmental Biology RAS, Russian Federation

### Keynote Presentations

- 09:00-09:30** Title: Stroke in very old patinets  
Mira Rakacolli-Kapisyzi, President of Albanian Society of Neurology, Albania
- 09:30-10:00** Title: Detoxication therapy in stroke  
Henry Bakunts, International Medical Centre ""STROKE"", Armania"
- 10:00-10:20** Coffee Break @ Hall planta P
- Session on: Neuroimmunology & Neurological Infections: Neuromuscular Disorders**  
Chair: Michael Ugrumov, Institute of Developmental Biology RAS, Russian Federation  
Co-Chair: Meena Kumari, Kansas State University, USA
- 10:20-10:40** Title: Theory of vulnerability to suicide through hippocampal indifference in depression  
Lars Hakan Thorell, Linkoping University, Sweden
- 10:40-11:00** Title: Why we need more than technical and procedural competencies in the medical industry to improve the team and patient safety  
Martin Egerth, Lufthansa Aviation Training GmbH, Germany  
Munzberg Mathias, BG Klinik Ludwigshafen, Germany

11:00-11:20	<b>Title: Dystrophin Dp71 isoforms are differentially expressed in the mouse retina and brain structures</b> Cecilia Montanez, Centro de Investigacion y de Estudios Avanzados del IPN, Mexico
11:20-11:40	<b>Title: Efficacy of biofeedback training on bladder and erectile dysfunction in paraplegic patients</b> Moataz Mohamed Talaat Mohamed Kamel El Semary, Cairo university, Egypt
11:40-12:00	<b>Title: The defining cerebral vascular pathology of the new clinical histopathologic entity ACTA2-related cerebrovascular disease (ARCD)</b> Maria-Magdalena Georgescu, Louisiana State University, USA
12:00-12:20	<b>Title: A novel method to deliver therapeutic and diagnostic molecules to the brain</b> Teruna J. Siahaan, The University of Kansas, USA
12:20-12:40	<b>Title: Lesson from the hereditary cerebral small vessel disease</b> Toshiki Mizuno, Kyoto Prefectural University of Medicine, Japan
12:40-13:00	<b>Title: Optimizing medication management for mothers with depression</b> Katherine L Wisner, Northwestern University, USA
13:00-13:40	<b>Lunch Break @ Restaurante Albufera</b>
13:40-14:00	<b>Title: RNA-binding protein caught moonlighting</b> Meena Kumari, Kansas State University, USA
14:00-14:20	<b>Title: Brain damage and neurological impairment in newborns</b> Magnus Gram, Lund University, Sweden
14:20-14:40	<b>Title: Identification of cytokines/chemokines in the blood serum and cerebrospinal fluids after transplantation of bone marrow MSCs to ALS patients</b> Joanna Czarzasta, University of Warmia and Mazury, Poland
14:40-15:00	<b>Coffee Break @ Hall planta P</b>

## Salón Sorolla 2

**Session on: Epilepsy & Seizure Disorders | Neuroimaging & Brain engineering**

**Chair: Dennis J. Dlugos, University of Pennsylvania School of Medicine, USA**

**Co-Chair: Lynda El-Hassar, Yale School of Medicine, USA**

10:20-10:40	<b>Title: KCNT1 epileptic encephalopathy – phenotype, genotype, precision therapy</b> Dennis J. Dlugos, University of Pennsylvania School of Medicine, USA
10:40-11:00	<b>Title: Modulators of Kv3 channels regulate firing rate and temporal accuracy of auditory brainstem neurons in a mouse model of Fragile X syndrome</b> Lynda El-Hassar, Yale School of Medicine, USA
11:00-11:20	<b>Title: De novo status epilepticus is associated with adverse outcome: An 11-year retrospective study in Hong Kong</b> Hoi Ki Kate Lui, Tseung Kwan O Hospital, Hong Kong
11:20-11:40	<b>Title: Association of cognitive and motor functions with brain network in elderly</b> Shuhei Yamaguchi, Shimane University, Japan
11:40-12:00	<b>Title: Local alpha block as a new tool in neuromagnetic studies</b> Victor Vvedensky, Kurchatov Institute, Russian Federation
12:00-12:20	<b>Title: Importance of medical device usability studies and image analysis measurement techniques</b> Michael Luedtke, Johnson & Johnson, USA



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12:20-12:40	<b>Title: Diagnosis and treatment of late-onset pompe disease in the middle east and north africa region</b> Fatimah Alqarni, King Abdullah bin Abdulaziz University hospital, Saudi Arabia
12:40-13:00	<b>Title: Prevalence of orthostatic hypotension in patients with Restless legs syndrome</b> Bilgehan Atilgan ACAR, Sakarya University Faculty of Medicine, Turkey
13:00-13:40	<b>Lunch Break @ Restaurante Albufera</b>
13:40-14:00	<b>Title: The field of emergence as a model for determining potentiality of linguistic fuzzy sets</b> Albekov Nurvadi, Chechen State University, Russia
14:00-14:20	<b>Title: Cellular models of Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay (ARSACS) reveal mitochondrial dysfunction and cytoskeletal reorganisation</b> Paul Chapple, Queen Mary University of London, UK
14:20-14:40	<b>Title: Medication-overuse headache in elderly</b> Turkan ACAR, Sakarya University Faculty of Medicine, Turkey
14:40-15:00	<b>Coffee Break @ Hall planta P</b>

\*\*\*\*Thanking Ceremony\*\*\*\*

*We wish to meet you again at*

**INBC-2018**

**July 16-18, 2018 | Rome, Italy**

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