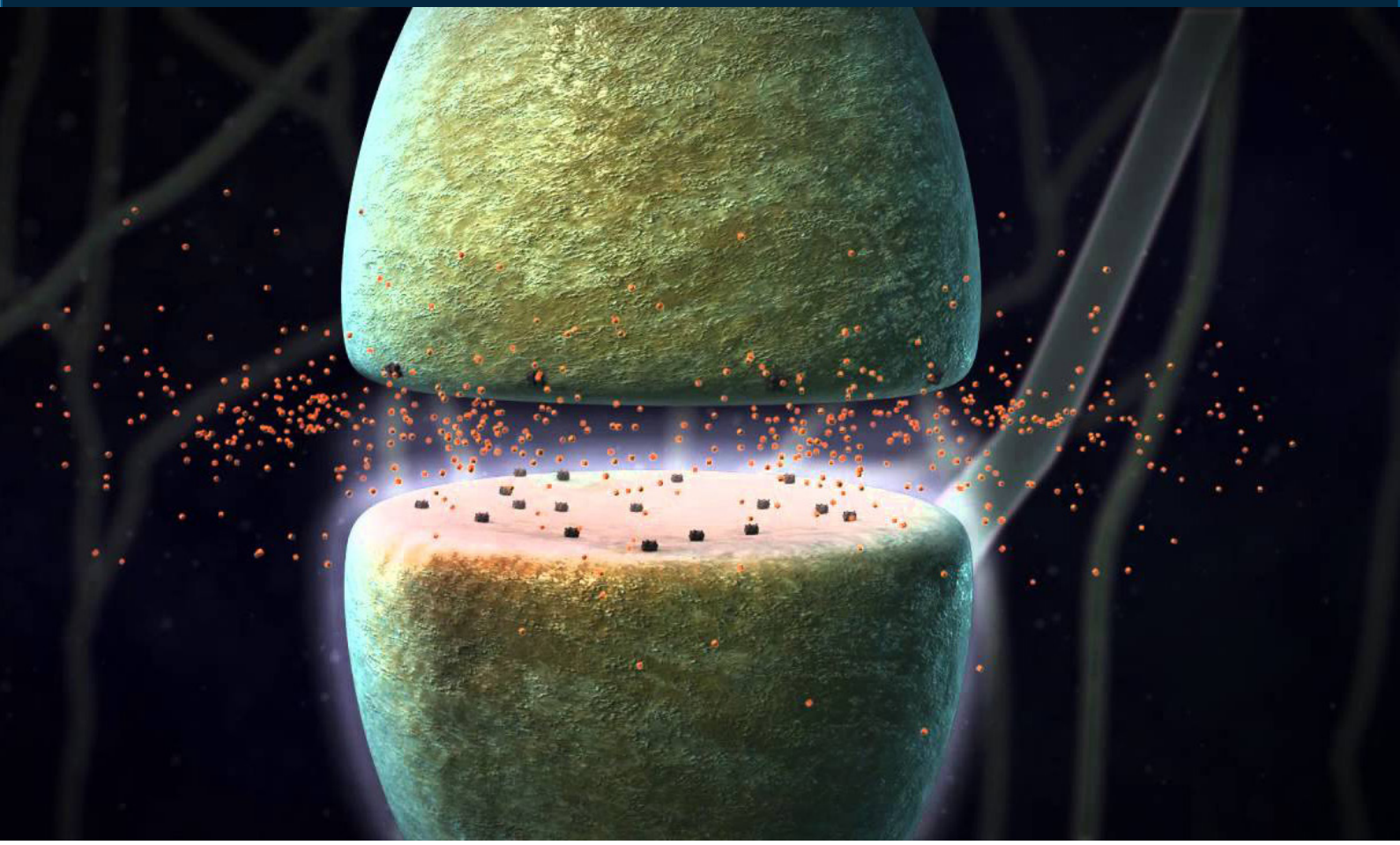
Tentative Program

9th Global Experts Meeting on

Neuropharmacology

November 15-16, 2018 Frankfurt, Germany



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

neuro@pharmaceuticalconferences.org

9th Global Experts Meeting on

Neuropharmacology

November 15-16, 2018 Frankfurt, Germany

Program at a Glance

Day 1

Reception/Registration	08.00-09.00	
	Time	General Session
	09.00-09.15	Inaugural Address
Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1
	09.45-10.15	Keynote/Plenary Talk 2
	10.15-10.45	Keynote/Plenary Talk 3
Panel Discussions/Group Photo		
Coffee/Tea Break 10.45-11.00 (Networking)		
11.00-12.40	5 Speakers (20 Mins Each)	
Lunch Break 12.40-13.30		
13.30-15.30	6 Speakers (20 Mins Each)	
Coffee/Tea Break 15.30-15.45 (Networking)		
15.45-17.25	5 Speakers (20 Mins Each)	

Morning Sessions

Evening Sessions

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Coffee/Tea Break 10.40-10.55 (Networking)			
10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Lunch Break 12.35-13.25			
13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Poster Sessions			
Coffee/Tea Break 15.05-15.20 (Networking)			
15.20-17.00		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
NOTE: Program Shedule is subject to change with final allotment of the speaker slots			

Morning Sessions

Evening Sessi

40 Speakers on Day 2

For More Details: neuro@pharmaceuticalconferences.org, neuropharmacology@conferenceseries.net

http://neuro.pharmaceuticalconferences.com/

Conference Highlights

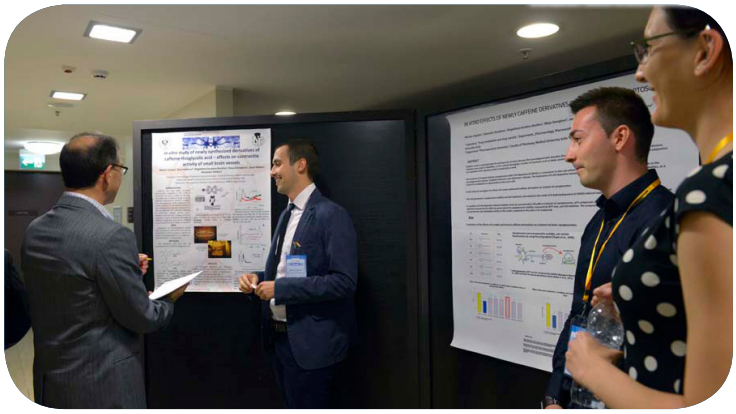
- Neuroimmunology and Neuroinflammation
- Neural Stem Cell
- Neuroethics
- Clinical Neuropharmacology
- Psychopharmacology
- Neurochemical Transmission
- Behavioral and Addiction Neuropharmacology
- Neurotechnology
- Neuroendocrinology
- Alzheimer's Disease and Dementia
- Parkinson's Disease
- Molecular Neuropharmacology
- Future Aspects of Neuropharmacology
- Case Study Reports



Glimpses of Neuropharmacology 2017

















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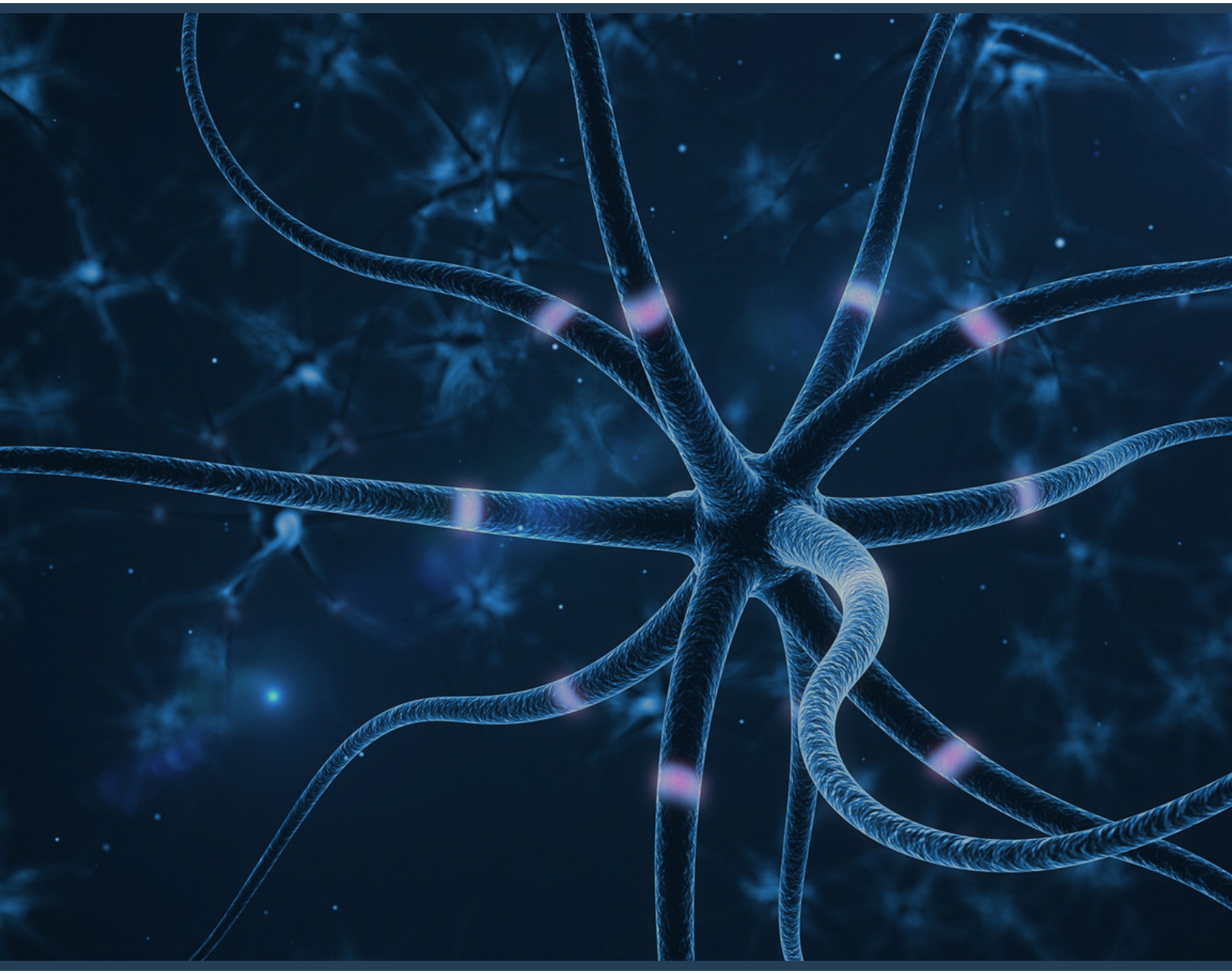
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1082nd Conference

Scientific Program

7th Global Experts Meeting on

Neuropharmacology

July 31-August 02, 2017 Milan, Italy



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Day 1 July 31, 2017

Registrations

Spiga+S. Andrea

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Opening Ceremony

Keynote Forum

Introduction

Title: Blood-brain barrier in Alzheimer's disease induced brain pathology and neuroprotection by nanodelivery of cerebrolysin

Hari Shanker Sharma, Uppsala University, Sweden

Title: Co-ultramicronized palmitoylethanolamide/luteolin facilitates oligodendrocyte precursor cell development and improves outcome in experimental autoimmune encephalomyelitis

Stephen D Skaper, University of Padua, Italy

Title: Mitochondrial lesions as an earlier hallmark for liver and brain neuronal damage during the chronic ethanol self-administration in Cynomolgus monkeys: New challenge for treatment strategy

Gjumrakch Aliev, GALLY International Biomedical Research Institute Inc., USA

Networking and Refreshments Break

Title: The impact of dementia on migrant communities: A complex challenge in a globalized world

David Truswell, Somefreshthinking Consultancy, UK

Sessions: Neuroimmunology and Neuroinflammation | Neurochemical Transmission | Alzheimer's Disease and Dementia | Parkinson's Disease

Session Chair: Harish C Pant, National Institutes of Health, USA

Session Chair: Aruna Sharma, Uppsala University, Sweden

Session Introduction

Title: Oral treatment with sphingosine-1-phosphate receptors modulator prevents Parkinson symptoms concomitantly to reduced brain inflammation in MPTP mouse models

Michel CYR, University of Trois-Rivieres, Canada

Title: The impact of brain lesions on basic emotions and emotion regulation in stroke survivors

Marina Farinelli, Ospedale Privato Villa Bellombra- Consorzio Colibri'- Bologna, Italy

Title: ApoE4- targeted therapeutics for AD

Varghese John, University of California, USA

Title: Intravenous immunoglobulins for children refractory epilepsy

Alireza Rezayi, Shahid Beheshti University of Medical Sciences, Iran

Lunch Break

Special Session

Title: Translational approach to Neurodegenerative diseases: A small peptide derived from neuronal cell cycle kinase (Cdk5) prevents neurodegeneration

Harish C Pant, National Institutes of Health, USA

Session Chair: Gjumrakch Aliev, GALLY International Biomedical Research Institute Inc., USA

Session Chair: David Truswell, Somefreshthinking Ltd., UK

Session Introduction

Title: Thalamocortical circuit in sleep control: The thalamic mGluR1-PLCβ4 pathway is critical in sleep architecture
Eunji Cheong, Yonsei University, South Korea
Title: Inhibition of signal transducer and activator of transcription 3 (STAT3) reduces neonatal hypoxic-ischemic brain damage
Mariya Hristova, University College London, UK
Title: Can tau pathobiology be phenocopied in a cellular expression model?
Joel B Schachter, Merck Research Laboratories, USA
Title: Nanodelivery of cerebrolysin induces neuroprotection in Parkinson's disease
Aruna Sharma, Uppsala University, Sweden

Networking and Refreshments Break

Title: Psychobiotic PS128 rescued motor deficits in MPTP-induced mice model
Ying-Chieh Tsai, National Yang-Ming University, Taiwan
Title: Therapeutic strategies for the Parkinson's patient with Alzheimer's changes: The benefits of art, structure and nutrition
Elizabeth K Barber, Barber Innovations LLC, USA

Panel Discussion

Day 2 August 01, 2017

Spiga+S. Andrea

Keynote Forum

Introduction
Title: Novel paradigm of the development of preclinical diagnosis of Parkinson's disease
Michael V Ugrumov, Institute of Developmental Biology RAS, Russia
Title: Initial studies on neuroimmune biology
Istvan Berczi, University of Manitoba, Canada
Title: Molecular mechanism and intervention studies of regenerative mossy fiber sprouting in hippocampus following developmental seizures
Ni Hong, Soochow University, China

Networking & Refreshments Break

Title: PARP1 dependent long-term memory acquisition
M Cohen-Armon, Tel-Aviv University, Israel

Special Session

Title: The intuitive rational-choice theory of madness: Schizophrenia, criminal insanity & neuroses the fallen empires of psychoanalysis, medical models and drug companies
Yacov Rofé, Bar-Ilan University, Israel

Poster Presentations

Poster Judge: Hari Shanker Sharma, Uppsala University, Sweden
Poster Judge: Joel B Schachter, Merck Research Laboratories, USA

NPC-001	**Title: Can we target amino acid metabolism to affect brain tumor growth?** **Eduard H Panosyan**, LABioMed/Harbor-UCLA, USA
NPC-002	**Title: *In vitro* effects of newly derivatives of caffeine-8-a-methyl thioglycolic acid on neuroblastoma cell line SHSY5Y** **Alexandra Kasabova**, Medical University-Sofia, Bulgaria
NPC-003	**Title: *In vitro* effects of new caffeine derivatives on isolated rat synaptosomes** **Borislav Angelov**, Medical University-Sofia, Bulgaria
NPC-004	**Title: *In vitro* study of newly synthesized derivatives of caffeine-thioglycolic acid – effects on contractile activity of small brain vessels** **Martin Vasilev**, Medical University-Sofia, Bulgaria
NPC-005	**Title: Investigating the mechanism of action of novel smoothened antagonists discovered by *in silico* screening of the homodimer interface** **P Banerjee**, Neuroscience Paris-Saclay Institute, France

NPC-006	**Title: Postural stability of patients with distal symmetric diabetic polyneuropathy after combined pharmacotherapy with alpha-lipoic acid and benfotiamin, pyridoxine and cyancobalamine** **Dorina Petrova,** National Transport Hospital "Tzar Boris III", Bulgaria
NPC-007	**Title: Studying the effectiveness of venlafaxine in mice model of post-traumatic stress disorder** **Natalia Malikowska,** Jagiellonian University Medical College, Poland
NPC-011	**Title: Jurisdictional consequences in some brain condition** **Luisetto Mauro,** European specialist in lab medicine, Italy

Lunch Break

Sessions: Clinical Neuropharmacology | Psychopharmacology | Behavioral and Addiction Neuropharmacology | Neurotechnology

Session Chair: Hari Shanker Sharma, Uppsala University, Sweden
Session Chair: Stephen D Skaper, University of Padua, Italy

Session Introduction

Title: Deep brain stimulation for uncontrollable aggressive behaviour: The benefit beyond our expectations
Oscar Bernal-Pacheco, Instituto Roosevelt, Colombia

Title: Prolonged inhibition of semaphoring-3A pathway via biodegradable implant towards a better therapy for visual sensory impairments
Arieh S Solomon, Tel Aviv University, Israel

Title: The use of mTOR inhibitor for the treatment of refractory seizures in an infant with hemimegencephaly
Anita N Datta, University of British Columbia, Canada

Title: Delayed cytokine effects of 4 days of intravenous G-CSF infusion for mobilization of peripheral blood stem cells: Possible role for neuroregeneration
Young-Ho Lee, Hanyang University College of Medicine, South Korea

Title: The effects of combination treatment with PME-88 and riluzole on the ALS mouse model
Hyo Joon Kim, Presbyterian Medical Center, South Korea

Title: Exploring the cultural-specific challenges and opportunities of the autism spectrum disorders populations in China and Hong Kong
Kay Chang, University of Macau, China

Networking & Refreshments Break

Session Chair: Ni Hong, Soochow University, China
Session Chair: Stephen D Skaper, University of Padua, Italy

Session Introduction

Title: Peroxynitrite could be a critical therapeutic target for preventing hemorrhagic transformation and poor outcome in ischemia-reperfused rat brains with delayed thrombolysis
Jiangang Shen, The University of Hong Kong, China

Title: Emotional empathy and cognitive styles in psychodynamic group therapy: UAE experience
Hala Fakhiry, Cairo University, Egypt

Young Reseacher's Forum

Title: Activated M2 phenotype microglia induce differentiation and polarization of monocyte and chemo-attraction in *in vitro* system
Yeonseung Han, Yonsei University, South Korea

Title: The antiangiogenic activities of *Synanthedon tipuliformis* sexual pheromone on chorioallantoic membrane
Zeynab-Sadat Payambarpour, Shahed University, Iran

Day 3 August 02, 2017

Spiga+S. Andrea

Sessions: Neural Stem Cell | Neuroethics | Molecular Neuropharmacology | Future Aspects of Neuropharmacology | Case Study Reports

Session Chair: Jan Ulfberg, Capio Sleep Center, Sweden
Session Chair: Hua P Su, MSD Research Labs, USA

Session Introduction

Title: Characterization of non-active site, TrkA selective kinase inhibitors and implications on obtaining kinase selectivity

Hua P Su, MSD Research Labs, USA

Title: Treatment with selenium in restless legs syndrome

Jan Ulfberg, Capio Sleep Center, Sweden

Title: Combination brexpiprazole and aripiprazole long-acting injectable therapy for treatment-resistant schizophrenia

Mathew Nguyen, Meridian Behavioral Healthcare, USA

Title: New sole presentation for childhood epilepsy

Maha Nada, Ain Shams University, Egypt

Title: Tanakan (EGb 761®): New therapeutic possibilities in neurorehabilitation

Saule T Turuspekova, KazNMU, Kazakhstan

Networking & Refreshments Break

Title: The molecular basis of the neurotrophic action of vitamin B_{12} (Cobalamin)

Giuseppe Scalabrino, University of Milan, Italy

Young Reseacher's Forum

Title: Studying the effectiveness of venlafaxine in mice model of posttraumatic stress disorder

Natalia Malikowska, Jagiellonian University Medical College, Poland

Title: Developmental and adult expression of the GPR88: Establishment of its interaction with nuclear partner proteins in the cerebral cortex

Florian Rebeillard, Université Paris Descartes, France

Lunch Break

Panel Discussion

Awards & Closing Ceremony

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Scientific Program

4th Global Experts Meeting on

NEUROPHARMACOLOGY

September 14-16, 2016 San Antonio, USA



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Registrations

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Opening Ceremony

Keynote Forum

Introduction

Title: BBB a gateway for neurodegeneration- Neuroprotection
Hari Shanker Sharma, Uppsala University, Sweden

Title: Plugging the leaks- New drug discovery based on leak current channels
Donard S Dwyer, LSU Health Sciences Center, USA

Title: Allosteric receptor-receptor interactions in heteroreceptor complexes give a new dimension to molecular neuroscience
Kjell Fuxe, Karolinska Institutet, Sweden

Networking and Refreshments @ Foyer

Sessions: **Neuro Immune Pharmacology | Psychopharmacology | Behavioral Neuropharmacology | Neuroendocrinology**

Session Chair: Hari Shanker Sharma, Uppsala University, Sweden

Session Chair: Donard S Dwyer, LSU Health Sciences Center, USA

Session Introduction

Title: Targeting the splenic response to brain ischemia as a treatment for stroke
Keith Pennypacker, University of Kentucky, USA

Title: Promoting serotonergic neurotransmission to enhance sociability
Georgianna G Gould, The University of Texas Health Science Center at San Antonio, USA

Title: sAPPα a potent endogenous inhibitor of BACE1: Therapeutic potential for AD
John Varghese, University of California, USA

Title: Activation of α7 nicotinic acetylcholine receptor improves blood-brain barrier integrity
Hua Su, University of California, USA

Title: Regulation of guanylyl cyclase/natriuretic peptide receptor-A gene expression and signaling: Interactive roles of histone modifications and transcription factors
Kailash N Pandey, Tulane University, USA

Title: Comparison of verbal and emotional responses of elderly people with mild/moderate dementia and those with severe dementia in responses to seal robot, PARO
Kazue Takayanagi, Aoi Royal Garden Musashikosugi, Japan

Lunch Break @ Texas E

Session Chair: Hari Shanker Sharma, Uppsala University, Sweden

Session Chair: Hideo Tsukada, Hamamatsu Photonics K.K., Japan

Title: Scrub typhus meningoencephalitis, a diagnostic challenge for clinicians: A hospital based study from North-East India
Masaraf Hussain, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, India

Title: Changes in the temperament and character inventory dimensions after antidepressants treatment in patients with major depressive disorder
Norio Yasui-Furukori, Hirosaki University, Japan

Title: Neurological consequences of pediatric HIV infection
Mark W Burke, Howard University, USA

Title: Anti-stress effects of ONO-2952, A novel translocator protein 18kDa (TSPO) antagonist
Takashi Kitajima, ONO Pharmaceutical Co., LTD., Japan

Title: Interaction of Oxytocin and neuropeptide S in anxiety and social fear
Thomas Grund, University of Regensburg, Germany

Title: PET imaging of ischemia-induced impairment of mitochondrial complex I function in living brain
Hideo Tsukada, Hamamatsu Photonics K.K., Japan

Title: Predictive accuracy of wechsler adult intelligence scale, forth ed., (WAIS-IV) seven- and four- subtest short form models in estimating full scale IQ (FSIQ) and its indices in a Swedish non-clinical sample
Maria Lindau, Stockholm University, Sweden

Networking & Refreshment Break @ Foyer

Title: Promiscuous activation of adrenoreceptors by dopamine in modulation of GABAergic transmission in the entorhinal cortex

Saobo Lei, University of North Dakota, USA

Title: Fractal complexity of the environmental cues: The possible impact to the brain and visual system

Marina Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russian Federation

Title: Glatiramer acetate reveals both remitting and progressive processes in an animal model of relapsing-remitting multiple sclerosis

Patrizia LoPresti, University of Illinois at Chicago, USA

Title: Clinical and imaging characteristics and autoantibody analysis of neuromyelitis optica spectrum disorders

Yan Xing, Aviation General Hospital, China

Title: Melatonin Preserves Blood-Brain Barrier Integrity and Permeability following traumatic brain injury

Binu Tharakan, Texas A&M University Health Science Center College of Medicine & Baylor Scott and White Health, USA

Panel Discussion

Day 2 September 15, 2016

Texas A

Keynote Forum

Title: The oxidative stress initiated mitochondrial DNA overproliferation and deletion in the context of the cancer and neurodegeneration: Recent challenge in neuropharmacology

Gjumrakch Aliev, GALLY International Biomedical Research Institute Inc., USA

Special Session

Title: Does Ritalin have the potential to become a drug of abuse?

Nachum Dafny, The University of Texas Health Science Center at Houston, USA

Symposium: Ca^{2+}-interlocked membrane guanylate cyclase transduction network: Biochemistry and physiology

Organizer: Rameshwar K Sharma, Salus University, USA

Co-Organizer: Clint Makino, Boston University, USA

Co-Organizer: Teresa Duda, Salus University, USA

Title: Membrane guanylate cyclase: A multimodal cell signaling switch

Rameshwar K Sharma, Salus University, USA

Title: Synergistic modulation of the membrane guanylate cyclases in retinal rods and cones by bicarbonate and calcium

Clint L Makino, Boston University, USA

Networking and Refreshments @ Foyer

Title: Ca^{2+} sensor S100B in cone phototransduction

Teresa Duda, Salus University, USA

Title: Structural insights for activation of retinal guanylate cyclase by GCAP1

James B Ames, University of California, USA

Title: AIPL1, a protein linked with blinding diseases has distinct roles in rod and cone photoreceptor neurons

Saravanan Kolandaivelu, West Virginia University Eye Institute, USA

Title: Innovations in hyperspectral imaging approaches allow simultaneous measurement of the kinetics and spatial spread of cyclic nucleotide signals

Thomas Rich, University of South Alabama, USA

Title: Pharmacology of the guanylate cyclase-C agonist linaclotide

Boris Tchernychev, Ironwood Pharmaceuticals Inc., USA

Title: Differential regulation of membrane bound guanylyl cyclases (GC) during β-adrenergic receptor activation- induced hypertrophic growth in rats

Elangovan Vellaichamy, University of Madras, India

Lunch Break @ Texas E

Title: Identification of novel interacting partners of the RetGC1/GCAPs complex responsible for cGMP synthesis in photoreceptor cells of the retina: Implications for cell physiology and disease

Ana Méndez, University of Barcelona, Spain

Title: Environmental alkalinity sensing mediated by the transmembrane guanylyl cyclase GCY-14 in *C. elegans*

Ichiro N Maruyama, Okinawa Institute of Science and Technology, Japan

Title: The Role of GCAP1 and GCAP2 in Regulating the retinal guanylate cyclase and phototransduction in mammalian cones

Frans Vinberg, Washington University School of Medicine, USA

Title: Neurocalcin delta/membrane guanylate signaling contributes to circadian rhythms

Venkateswar Venkataraman, Rowan University, USA

Sessions: **Molecular Neuropharmacology | Clinical Neuropharmacology | Alzheimer's Disease and Dementia | Parkinson's Disease**

Session Chair: Magnus S Magnusson, University of Iceland, Iceland

Session Chair: Gjumrakch Aliev, GALLY International Biomedical Research Institute Inc., USA

Title: Why search for hidden repeated temporal behaviour patterns? T-Pattern Analysis (TPA) with theme

Magnus S Magnusson, University of Iceland, Iceland

Title: Combining memantine with hypobaric hypoxia or hyperbaric oxygen does not generate additional neuroprotection in the model of birth asphyxia in 7-day-old rats

Elzbieta Salinska, Polish Academy of Sciences, Poland

Title: Human umbilical cord blood cells improve neurobehavioral outcome in a rabbit model of cerebral palsy

Sidhartha Tan, University of Chicago, USA

Networking and Refreshments @ Foyer

Title: Methadone blocks analgesic tolerance induced by morphine pretreatment

Nicolas Marie, Neuroplasticity and Therapies of Addictions, CNRS, France

Title: Effects of amyloid-β deposition on mitochondrial complex I activity in brain: A PET study in aged monkeys

Hideo Tsukada, Hamamatsu Photonics K.K., Japan

Title: Impact of Natalizumab treatment on fatigue, mood and aspects of cognition in relapsing-remitting MS

Annett Kunkel, Asklepios Kliniken GmbH, Germany

Title: Hydrogen sulfide attenuates opioid withdrawal-induced jumping and pain sensitization

Jin-Song Bian, National University of Singapore, Singapore

Title: Morphine experience in adult rats alters morphine preference and brain expression of dopamine receptors in F1 offspring

Nasim Vousooghi, Tehran University, Iran

Title: Neuroimaging of Rapamycin and prevention of Alzheimer's disease for APOE4 carriers

Ai-Ling Lin, University of Kentucky, USA

Poster Presentations: 16:00-16:45

Poster Judge: Rameshwar K Sharma, Salus University, USA

Poster Judge: Marina Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russian Federation

Title: Nucleus accumbens neuronal activity and behavioral response to variable acute and chronic doses of methylphenidate in freely behaving adult and adolescent rats

Asif Kabani, The University of Texas McGovern Medical School, USA

Title: Dose-response assessment of acute and chronic MPD exposure recorded from PFC neurons in freely behaving adult male rats

Sid Venkataraman, The University of Texas McGovern Medical School, USA

Title: Locus coeruleus and ventral tegmental area of adolescent rats responded differently to ritalin. electrophysiological and behavioral study

Tahseen J Karim, The University of Texas McGovern Medical School, USA

Title: Neuroprotective effects of medicinal herb extract on corticosterone-induced neurotoxicity, (neuro)inflammation, mitochondrial function and expression of BDNF

Mi Young Lee, Korea Institute of Oriental Medicine, Republic of Korea

Title: Chronic methylphenidate exposure on behavioral and dorsal raphe neuronal recordings from in freely behaving adult and adolescent animals

Raymond Traweek, The University of Texas McGovern Medical School, USA

Title: Concomitant behavioral and VTA neuronal study on the effect of MPD in the developing brain

William Ip, The University of Texas McGovern Medical School, USA

Title: Stroke after atrial myxoma resection

Reginald Lafleur & Phenix Alcide, Harlem Cardiology, USA

Title: Protective effects of Oxymatrine against arsenic trioxide-induced liver injury

Li Li, Capital Medical University, China

Day 3 September 16, 2016

Texas A

Sessions: **Neurochemical Transmission | Chemical Neurotransmitters | Neurotechnology | Neuroethics | Future Aspects of Neuropharmacology**

Session Chair: Jose F Abisambra, University of Kentucky, USA

Session Chair: Enzo Wanke, University of Milano-Bicocca, Italy

Introduction

Title: PERK inhibition reduces hyper phosphorylated tau and rescues neuronal function in an eIF2 A-independent mechanism

Jose F Abisambra, University of Kentucky, USA

Title: Low excitatory innervation of immature neurons enhances pattern separation

Cristina Vittoria Dieni, University of Perugia, Italy

Title: Glia to axon RNA transfer

José R Sotelo, Instituto de Investigaciones Biológicas Clemente Estable, USA

Title: Central role of nitric oxide-dependent S-nitrosylation in the control of the astrocytic Ca^{2+} signaling that mediates neurovascular coupling

Xavier F Figueroa, Pontificia Universidad Catolica de Chile, Chile

Title: Future individualization of intrathecal dosages and paramedian approaches to reduce toxicity and bone contact: Estimating Cerebrospinal fluid dilution volumes and puncture angles from MRI

Anna Puigdellívol-Sánchez, University of Barcelona, Spain

Title: Inflammatory demyelination induces retinal ganglion cell loss and glia response in experimental autoimmune encephalomyelitis

Stephanie C Joachim, University Eye Hospital, Germany

Networking and Refreshments @ Foyer

Title: Investigation of the neuropharmacology of fast and slow drug-induced interactions in networks of astrocyte-neuron-microglia using advanced in vitro multi-site recording methods

Enzo Wanke, University of Milano-Bicocca, Italy

Workshop

Title: Discovering hidden experimental effects through the detection of recurring hierarchical structured real-scale time patterns: T-pattern detection and analysis with the special purpose THEME software

Magnus S Magnusson, University of Iceland, Iceland

Title: Pneumorrhachis

Fatih Yakar, Ankara University Medical School, Turkey

Title: α-Synuclein phosphorylation as a therapeutic target in Parkinson's disease and related disorders

Abid Oueslati, Université Laval School of Medicine & CHU de Quebec Research Center Quebec, Canada

Lunch Break @ Texas E

Session Chair: Abid Oueslati, Université Laval School of Medicine & CHU de Quebec Research Center Quebec, Canada

Session Chair: Marina Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russian Federation

Title: Oxidative damage and pharmacokinetics of the benzonitrile herbicide, pendimethalin in rat

Ahmed K Salama, Majmaah University, KSA

Workshop

Title: The theory of fractality of sensations and the brain health

Marina Zueva, Moscow Helmholtz Research Institute of Eye Diseases, Russian Federation

Young Researchers Forum

Title: Epidemiology of Tardive Dyskinesias in community dwelling Schizophrenia patients in rural South India

Shashank Arunachal U, St. Johns Medical College, India

Title: Constructing a neuroethical framework for Alzheimer's disease research employing big data

Farhan Ahmad, The University of Texas at San Antonio, USA

Awards & Closing Ceremony

Networking and Refreshments @ Foyer

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July 2015 Volume 5 Issue 4

Scientific Program

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Day 1 July 20, 2015

Registrations

Quay 1 Level-I

Opening Ceremony

Keynote Forum

Introduction

Grzegorz Sawicki
University of Saskatchewan, Canada

CE Jansen van Rensburg
University of Pretoria, South Africa

Networking & Refreshments Break

Sadashiva Karnik
Cleveland Clinic, USA

Vladimir S Naumenko
Institute of Cytology and Genetics, Russia

Group Photo

Track 1: Clinical Pharmacology and Receptor Theory
Track 2: Neuropharmacology and its Advances
Track 7: Theoritical Pharmacology
Track 9: Vascular Pharmacology and Haematological principles

Session Chair: Grzegorz Sawicki, University of Saskatchewan, Canada

Session Co-chair: Seyfullah Oktay Arslan, Yildirim Beyazit Universitesi, Turkey

Session Introduction

Title: Computational tools for fitting the hill equation to dose - response curves
Sudhindra R Gadagkar, Midwestern University, USA
Title: Neurotransmitter sensing by high temporal and spatial resolution
Ahmet Hacimuftuoglu, Ataturk University, Turkey
Title: Treatment with nerve graft and acidic fibroblast growth factor enhance neuron survival and functional recovery in cervical root injury
Ming-Chao Huang, Taipei Veterans General Hospital, Taiwan
Title: Benzaldehyde suppresses murine allergic asthma and rhinitis
Young Hyo Kim, Inha University College of Medicine, Republic of South Korea
Title: Cardiovascular protective effects of *Casearia sylvestris* Swartz in swiss and C57BL/6 LDLr-null mice undergoing high fat diet
Arquimedes Gasparotto Junior, Universidade Federal da Grande Dourados, Brazil

Lunch Break

Session Chair: Grzegorz Sawicki, University of Saskatchewan, Canada

Session Co-chair: Ali Parlar, Adiyaman Universitesi, Turkey

Title: Effect of GDNF on depressive-like behavior, spatial learning and key genes of the brain dopamine system in genetically predisposed to behavioral disorders mouse strains
Vladimir S Naumenko, Institute of Cytology and Genetics, Russia
Title: Simultaneous subthreshold inhibition of MMP, MLCK and NOS activities protects cardiomyocytes from contractile dysfunction induced by hypoxia-reoxygenation
Grzegorz Sawicki, University of Saskatchewan, Canada
Title: The exogenous administration of CB2 specific agonist, GW405833, inhibits the inflammatory response by reducing cytokine production and oxidative stress
Ali Parlar, Adiyaman Universitesi, Turkey

Title: Metformin interaction with popular Indian herbal remedies, *Boswellia serrata* (Sallaki) and *Withania somnifera* (Ashwagandha) – PK/PD approach with insulin resistant rodent model
Rekha R Shenoy, Manipal University, India
Title: Title: Anti- inflammatory effects of cannabinoid 2 receptor agonist, GW405833, in a model of carrageenan-induced acute inflammation of the rat paw
Seyfullah Oktay Arslan, Yildirim Beyazit Universitesi, Turkey

Networking & Refreshments Break

Title: Synthesis and *in vitro* anticancer studies of novel coumarin substituted thiazolidin- 4- ones
Alex Joseph, Manipal University, India
Title: The effects of concomitant ginkgo intake on noise induced Hippocampus injury: Possible auditory clinical correlate
Alaa Abousetta, Suez Canal University, Egypt
Title: Nanoparticulate novel sunscreen creams: Development and evaluation
Srinivas Mutalik, Manipal University, India
Title: Assessment of lipid lowering effect of shilajit in adult male rats
Ashok Shenoy K, Manipal University, India

Panel Discussion

Day 2 July 21, 2015

Quay 1 Level-I

Track 4: Pharmacogenetics and Pharmacogenomics
Track 6: Toxicology
Track 12: Latest Trends in Pharmacological Drug Developments
Track 13: Pharmacological Drug Discovery

Session Chair: Vladimir S Naumenko, Institute of Cytology and Genetics, Russia
Session Co-chair: Ramadan Al-Shdefat, Prince Sattam Bin Abdulaziz University, KSA

Session Introduction

Title: A toxicogenomic study of Carboplatin in Saccharomyces cerevisiae : The involvement of HuR and cullins in response to this antitumor drug
Gisele Monteiro de Souza, University de Sao Paulo, Brazil
Title: Plant biopolymers from *Boraginaceae* family species and their synthetic derivatives: Prospective pharmacological agents
K Mulkijanyan, Tbilisi State Medical University, USA
Title: Potent - glucosidase, - amylase, and - glucosidase inhibitor activity of ethanol extract,3 -hydroxystigmastan - 5(6) - en (terpenoid), and pyrolle-2,4 - dicarboxylic acid - methyl ester from *Salacca edulis Reinw* variety Bongkok for antidiabetic agent
Leni Herliani Afrianti, Universitas Pasundan, Indonesia
Title: Assessment of apoptosis inducing potential and antitumor activity of the active fraction of *Bulbophyllum* sterile leaves
Sreedhara Ranganath Pai, Manipal University, India

Networking & Refreshments Break

Title: A preclinical profiling of a promising drug candidate for rheumatoid arthritis
Gopalan Kutty Nampurath, Manipal University, India
Title: Pharmacogenetics research in different disease models: Our experience in Brazilian population
Adalberto Rezende Santos, Oswaldo Cruz Institute, Brazil
Title: Formulation and In vitro-In vivo evaluation of Risperidone liposomes for brain targeting
Usha Y Nayak, Manipal University, India
Title: Systemic and spinal administration of FAAH, MAGL inhibitors and dual FAAH/MAGL inhibitors produce antipruritic effect in mice
Ozgur Yesilyurt, Mevki Military Hospital, Turkey
Title: Hepatoprotective and pharmacokinetic studies of Silymarin liposomes in alcohol and D-galactosamine induced toxic models
C Mallikarjuna Rao, Manipal University, India

Lunch Break

Title: Prenatal xenobiotic exposure and intrauterine hypothalamus-pituitary-adrenal axis programming alteration
Xu Dan, Wuhan University, China
Title: Pharmaceuticals, and other chemicals, effects in non-target aquatic species
Marta Ferreira, University of South Pacific, Fiji Islands;
CIIMAR - Centre for Marine Environmental Research, Portugal
Title: Distribution and biliary excretion of tetrodotoxin in the marine pufferfish Takifugu rubripes juvenile after an intramuscular administration
Takuya Matsumoto, Prefectural University of Hiroshima, Japan

Title: The central role of 5-HT7 receptors in the mechanism of clinically important analgesic drugs, endogenous pain inhibiton and visceral pain modulation

Ahmet Dogrul, Gulhane Academy of Medicine, Turkey

Title: Pharmacometrics in the translational pharmacology paradigm

Sujit Nair, Amrita Vishwa Vidyapeetham University, India

Workshop on

New drug development in Type-2 Diabetes Mellitus : Current and future trends – An overview

Vivek Lal, King Faisal University, KSA

Networking & Refreshments Break

Poster Presentations

Title: Bioequivalence of fixed-dose Repaglinide/Metformin combination tablet and equivalent doses of Repaglinide and Metformin tablet: A randomized, single-dose, two-Period, two-sequence crossover study in healthy Korean male volunteers

Yong-Bok Lee, Chonnam National University, Republic of South Korea

Title: Antimicrobial activities of *Cantareus (Helix) aspersa mucus*

Nantawan Soonklang, Thammasat University, Thailand

Title: Detection of hepatotoxic pyrrolizidine alkaloids in *Emilia sonchifolia* using liquid chromatography-electrospray ionization mass spectrometry

Ya-Chen Yang, Asia University, Taiwan

Title: Pharmacists perception, attitude and practice toward the management of gastroesophageal reflex disease (GRED) in Khartoum city Sudan

Alwaleed Mohammed Ahmed, Sudan

Title: *In-vitro* synergistic activity of Lysostaphin combined with Linezolid against Methicillin resistant staphylococcus aureus

Indira Bairy, Manipal University, India

Title: Simultaneous quantification of the 3 - perfluorinated compounds in rat plasma and tissues and its application to pharmacokinetics and tissue distribution

Hea-Young Cho, CHA University, Republic of South Korea

Title: Toxicity of nicotine replacement in patient with coronary artery disease

Mohammed Abdelhafiez Mohammed Alhassan, University of Khartoum, Sudan

Title: MicroRNA profiling in women with threaten preterm labor

Immaculate, University of Malaya, Malaysia

Title: Antitumor activity of lyophilized liposomal formulation OR-2011 on an experimental tumor model of Lewis lung carcinoma

Basel Albasseet, I.M. Sechenov First Moscow State Medical University, Moscow

Day 3 July 22, 2015

Quay 1 Level-I

Track 5: Pharmacoepidemology and Drug Safety
Track 11: Pharmacognosy, Phytochemistry and Pharmacological Screening
Track 10: Cardiovascular Pharmacology
Track 15: Clinical Trails and Guidelines for Clinical Research

Session Chair: Vivek Lal, King Faisal University, KSA

Session Co-chair: Hamiyet Unal, Erciyes University, Turkey

Session Introduction

Title: Constitutive activity in the angiotensin II type 1 receptor: Discovery and applications
Hamiyet Unal, Erciyes University, Turkey

Title: New complexes of inhaled furosemide and cyclodextrin: Assessment of the bronchodilator effect
Ramadan Ibrahim Al-Shdefat, Prince Sattam Bin Abdulaziz University, KSA

Title: HPTLC method for studies of phytochemicals from in vivo and in vitro developed plants of Pterocarpusmarsupium (Roxb.)
Illa C Patel, Hemchandracharya North Gujarat University, India

Networking & Refreshments Break

Title: Effect of combination vitamin E and single long-acting progesterone dose on enhancing pregnancy outcomes in the first two parities of young rabbit does
Anas A Salem, Assiut University, Egypt

Title: The antimicrobial activity of tea tree oil for decolonization of Methicillin- resistant staphylococcus aureus (MRSA)
Rainbow L P LEE, The Hong Kong Polytechnic University, China

Young Researchers Forum

Title: Protective effect of a sulfated polysaccharide isolated from the green seaweed *caulerpa racemosa* on temporomandibular joint hypernociception in rats
Natassia A Ribeiro, Federal University of Ceara, Brazil

Title: The protective effect of tea flavonoids on oxidative damage in peripheral blood-derived endothelial progenitor cells
Wahyu Widowati, Maranatha Christian University, Indonesia

Title: Pharmacokinetics of single intravenous bolus of sodium salicylate in sheep
Shashwati Ambatkar, Massey University, New Zealand

Title: A comparative approach for preparation and physicochemical characterization of Lecithin liposomes using chloroform and non-halogenated solvents
Sumaira Naeem, University of Malaya, Malaysia

Title: Factors associated with medicaion non adherence among ischemic heart disease patients in Malaysia: Focus on erectile dysfunction as an adverse effect of cardioprotective therapy
Ali Y Nori, Universiti Sains Malaysia, Malaysia

Title: Vascular Endothelial Dysfunction and Diabetic Nephropathy: Never Solves a Problem without Creating Dozens More
Atul Arya, Punjab Technical University, India

Award Ceremony

Lunch Break

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Day 1 October 20, 2014

Registrations

Versailles - B

Opening Ceremony

Keynote Forum

Introduction

Gerhard Eisenbrand
University of Kaiserslautern, Germany

Pavel Vodicka
Institute of Experimental Medicine, Academy of Sciences, Czech Republic

Anne Marie Vinggaard
Technical University of Denmark, Denmark

Keynote Symposium

10:15-11:00 **Title: Pluripotent stem cell models-Application in toxicology and beyond**

Carter Cliff, Cellular Dynamics International, USA

Group Photo

Coffee Break @ Versailles Foyer

Track 1: Clinical and Forensic Toxicology
Track 2: Systems Toxicology
Track 3: Mechanistic and Predictive Toxicology

Session Chair: Anne Marie Vinggaard, Technical University of Denmark, Denmark
Session Co-Chair: Arunabha Ray, University of Delhi, India

Session Introduction

Title: Decreased nuclear receptor activity mediates down-regulation of drug metabolizing enzymes in chronic kidney disease through epigenetic modulation
Bradley L Urquhart, Western University, Canada
Title: Underlying mechanisms indicative of autoimmunity in silica-exposed workers
Mary L S Queiroz, State University of Campinas, Brasil
Title: Updated and easier confirmation of drowning by detection of diatoms in trachea
Neelam Shrivastava, Medico Legal Institute, India
Title: Clinical and experimental studies on theophylline toxicity: In search for an antidote
Arunabha Ray, University of Delhi, India
Title: Influence of melatonin on arsenic mediated pancreatic damage in Swiss albino mice
Dimple Damore, Bhavan's Sheth R.A. College of Science, India
Title: Recent innovations in toxicology of nanomedicines with emphasis on RISUGadv
R K Singh, CSIR- Central Drug Research Institute, India

Panel Discussion

Lunch Break @ Monaco Grand Ballroom

Track 4: Pediatric Toxicology
Track 5: Toxicology and Applied Pharmacology

Session Chair: Hemant Misra, Prolong Pharmaceuticals, USA
Session Co-Chair: Sharda Shah Peshin, All India Institute of Medical Sciences, India

Session Introduction

Title: Designing clinical interference studies to address colorimetric assays
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Echocardiography: A non invasive method for investigating preclinical drug toxicity and safety
Gilles Hanton, GH Toxconsulting, Belgium

Title: Electrochemistry meets enzymes: Investigation of the biotransformation pathway of C-1311 based on electrochemical simulation in comparison to *in vitro* methods
Agnieszka Potęga, Gdańsk University of Technology, Poland
Title: Veterinary pharmacovigilance survey conducted in Tamil Nadu state, India: A status report
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: Small change, big difference: The discovery of drug candidate for anti-*Schistosomiasis japonicum*
De-Qun Sun, Shandong University, P.R. China
Title: Alpha-lipoic acid produces bone-protective effects via modulating Nox4/ROS/NF-κB and Wnt/Lrp5/β-catenin signaling pathways in H_2O_2-treated MC3T3-E1 cells and ovariectomy rats
Huijun Sun, Dalian Medical University, China

Coffee Break @ Versailles Foyer

Title: *In vivo* and *in vitro* metabolism of aspirin eugenol ester in dog by liquid chromatography tandem mass spectrometry
Jianyong Li, CAAS, P.R. China
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai 6th People's Hospital, China
Title: Studies on anti-diabetic properties and determination of harmful constituent in some anti-diabetic herbal preparations available in Bangladesh
Begum Rokeya, BIRDEM, Bangladesh
Title: Toxicology studies and results for determining safety of a novel therapeutic dual carbon monoxide and oxygen delivery agent
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Effect of combined administration of vitamins C and E on some renal functions indices of rats exposed to nitrocellulose thinner
Friday E Uboh, University of Calabar, Nigeria
Title: Toxicological study of new molecules in treating raw water to make it potable
Isaac Julius Asiedu-Gyekye, University of Ghana, Ghana
Title: Improvement of QT analysis for evaluating the proarrhythmic risk of drug: The importance of spatial and temporal dispersion of repolarisation
Gilles Hanton, GH Toxconsulting, Belgium
Title: Poisoning in children: A poisoning helpline experience
Sharda Shah Peshin, All India Institute of Medical Sciences, India
Title: The paradox of human equivalent dose formula: A canonical case study of piroxicam (feldene) in monogastric animals
Saganuwan Alhaji Saganuwan, University of Agriculture, Nigeria

Panel Discussion

Cocktails Sponsored by Journal of Clinical Toxicology @ **Athens**

Day 2 October 21, 2014

Versailles - B

Keynote Symposium

Session Introduction

Title: The Somatic Mutation and Recombination Test (SMART) in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico

Symposium on "Stress response in living organisms exposed to pollutants"

Title: How plants cope with abiotic stress
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Stress response in living organism and laboratory animals to pollutants
Hemant Misra, Prolong Pharmaceuticals, USA
Title: Environmental pollution, stress molecules and wildlife health
S S Hundal, Punjab Agricultural University, India

Coffee Break @ Versailles Foyer

Track 6: Application of Stem Cells in Toxicology
Track 7: Genetic Toxicology

Session Chair: Pavel Vodicka, Institute of Experimental Medicine, Academy of Sciences, Czech Republic
Session Co-Chair: Soon-Ha Kim, LG Life Sciences, Ltd., Korea

Session Introduction

Title: Mechanism of non-DNA targeted mutagenesis: The role of intra cellular nucleotide pool
Siamak Haghdoost, Stockholm University, Sweden
Title: Necrotic inflammation: A novel class of necrosis inhibitor NecroX-7 with therapeutic potential for necrosis-related diseases against ischemic reperfusion injury
Soon-Ha Kim, LG Life Sciences, Ltd., Korea
Title: Use of exfoliated buccal and nasal cells for the detection of acute and genotoxic effects caused by occupational and life-style exposures
Georg Wultsch, Medical University of Vienna, Austria

Title: Genotoxicity evaluation of zaeralenone with the wing spot test in Drosophila melanogaster
Heres-Pulido M E, Universidad Nacional Autónoma de México, Mexico
Title: Phenytoin induced toxic epidermal necrolysis
Osama M Al-Quteimat, King Abdullah Medical City, Saudi Arabia

Panel Discussion

Track 8: Risk Assessment of Chemicals in Food
Track 9: Environmental and Occupational Health
Track 10: Industrial and Metallic Toxicology

Session Chair: Cinzia Forni, University of Rome Tor Vergata, Italy
Session Co-Chair: S S Hundal, Punjab Agricultural University, India

Session Introduction

Title: Pollutants toxicity towards aquatic macrophytes
Cinzia Forni, University of Rome Tor Vergata, Italy
Title: Effect of the pendimethalin on rat uterine weight and gene expression of mRNAs encoding for different estrogen-regulated genes on rat uterus
U Undeger Bucurgat, Hacettepe University, Turkey

Poster Presentations @ Versailles Foyer

Lunch Break @ Monaco Grand Ballroom

Title: A new challenge: Assessment of metal prothesis intoxication
Frederic J Deschamps, University Hospital of Reims, France
Title: Inhibition of terrestrial snails' glutamate decaboxylase (GAD) by abamectin and emamectin benzoate
Elsayed A M Abdallah, Alexandria University, Egypt
Title: Immunotoxicity of acephate in white leghorn chickens: Effects on lymphocytes and the immune responses in a sub-chronic exposure study
Syamantak Mani Tripathi, Chhattisgarh Kamdhenu Vishwavidyalya, India

Coffee Break 16:10-16:30 @ Versailles Foyer

Title: Environmental contaminants and reproductive abnormalities–A perspective
S S Hundal, Punjab Agricultural University, India
Title: Surveillance of chloramphenicol residues in milk, eggs and chicken meat by LCMSMS
Sarathchandra Ghadevaru, Tamil Nadu Veterinary and Animal Sciences University, India
Title: GC-MS Analysis of leaf powder of Psychotria microphylla and its acute toxicity on Clarias giriepinus juveniles
Ibiam U A, Ebonyi State University, Nigeria
Title: Haematological indicators of exposure to petroleum products in petroleum refining and distribution industry workers in Nigeria
Tobias I Ndubuisi Ezejiofor, Federal University of Technology, Nigeria
Title: Occupational exposure to lead and risk of high frequencies hearing loss in adults
Masoumeh Ghiasvand, Iran University of Medical Sciences, Iran

Panel Discussion

Young Researchers Forum

Title: Comparison of the cytotoxic effects of silver sulfide quantum dot coated with 2-mercaptopropionic acid and meso-2,3-dimercaptosuccinic acid in V79 cells
Deniz Ozkan Vardar, Hitit University, Turkey
Title: Assessment of the litter size, birth weight and serum sex hormonal profile of rats orally exposed to crude oil
Saviour Ufot, University of Calabar, Nigeria
Title: Comparative air quality of petroleum depots and refueling stations atmospheric environments in Nigeria
Uduak O Luke, University of Calabar, Nigeria
Title: Genotoxic effects of exposure to sewage water in conservancy workers as assessed by comet test
Rajlaxmi Basu, Institute of Hematology and Transfusion Medicine, India
Title: Studies on the effects of dietary exposure of Moringa oleifera Lam. leaves on insulin metabolism in rabbits
Chinwe Christy Isitua, Universidad Tecnica de Machala, Ecuador

Cocktails Sponsored by Journal of Drug Metabolism & Toxicology @ **Athens**

Day 3 October 22, 2014

Track 11: Emerging *In-vitro* Models for the Toxicity Studies
Track 12: Developmental and Reproductive Toxicology
Track 13: Computational Toxicology

Session Chair: Pierre Eftekhari, Inoviem Scientific, France
Session Co-Chair: Alessandra Mezzelani, National Research Council, Italy

Session Introduction

Title: Cytokine storm potential of siRNA in human PBMCs and DCs
Travis Harrison, SRI International, USA
Title: New methodology for phenotyping P450 polymorphisms and susceptibility to environmental toxicants using humanized budding yeast
Michael Fasullo, State University of New York, USA
Title: Nematic protein organization technology: A powerful tool to track drugs toxicity and side effects already at early preclinical development
Pierre Eftekhari, Inoviem Scientific, France

Title: Sex-specific neurotoxicity as possible cause of regressive autism
Alessandra Mezzelani, National Research Council, Italy

Title: Reproductive toxicity of cyto-static drugs and pharmacological ways to reduce it
T G Borovskaya, The Goldberg Research Institute of Pharmacology, Russia

Coffee Break @ Versailles Foyer

Title: The protective effect of astaxanthin on fetal alcohol spectrum disorder in mice
Ying Peng, Sun Yat-Sen University, China
Title: The effects of veterinary growth stimulants from cattle feedlots in South Africa on reproductive and thyroid parameters in a rat model
Christiaan de Jager, University of Pretoria, South Africa
Title: c-Jun N-terminal kinase is upregulated in the hypospadiac penis of fetal rats induced by maternal exposure to di-(2-ethylhexyl) phthalate
Ming Yong Li, University of South China, China
Title: Easy and accurate conformation of early pregnancy during autopsy
Neelam Shrivastava, Medico Legal Institute, India
Title: *In vitro* biocompatibility assessment of dental composite usingconfocal time lapse imaging
Nina Attik, Lyon University, France

Panel Discussion

Track 14: Nanomaterials
Track 15: Particle and Fibre Toxicology
Track 16: Venomous Animals and Toxins
Track 17: Countersteps towards Toxicity

Session Chair: Lúcia Helena Faccioli, University of São Paulo, Brazil
Session Co-Chair: Amita Srivastava, All India Institute of Medical Sciences, India

Session Introduction

Title: *Tityus serrulatus* venom induces inflammation by mechanism dependent on lipid mediator release and lipid bodies' formation
Lúcia Helena Faccioli, University of São Paulo, Brazil
Title: Nanoparticle exposure assessment, dose metric and controls
Candace Su-Jung Tsai, Purdue University School of Health Science, USA

Lunch Break @ Athens

Title: Protective effect of vitamins A and E against diesel fuel-induced hepatotoxicity in rats
Friday E Uboh, University of Calabar, Nigeria
Title: Snake bite poisoning: A twelve years retrospective analysis of telephone calls reported to the National Poisons Information Centre, All India Institute of Medical Sciences
Amita Srivastava, All India Institute of Medical Sciences, India
Title: Assessment of ZnO and SiO_2 nanoparticle permeability through blood–brain barrier and their toxicity using Evans blue and TEM
Seong Soo A An, Gachon University, Republic of Korea
Title: Cell type- and size-dependent in vitro toxicity of silica particles in human skin cells
Claudia Moia, Cranfield University, UK
Title: Toxicity analysis of PbS nanoparticles using nano-sized vesicles (exosome) excreted from HEK293 cells
Eunjoo Kim, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Republic of Korea

Panel Discussion

Coffee Break @ Versailles Foyer

Award Ceremony

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Day 1 October 07, 2013

Registrations

Opening Ceremony

Keynote Forum

Introduction

Bruce A. Fowler
ICF International, USA

John Pierce Wise
University of Southern Maine, USA

Wei Zheng
Purdue University School of Health Sciences, USA

Coffee Break @ Event Center

Nikolas P. Lemos
University of California, USA

Rajat Sethi
California Health Sciences University, USA

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA

Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Application of Omics biomarkers for assessing cellular toxicity: Integration of *In vivo* and *In vitro* data
Bruce A. Fowler, ICF International, USA

Title: Cannabis in forensic toxicology: Poison or panacea?
Nikólas P. Lemós, University of California, USA

Title: Aldehyde Dehydrogenases as novel therapeutic targets for metabolic diseases and cancer stem cells
Vasilis Vasiliou, University of Colorado, USA

Title: Computer-aided search will help crime scene investigators to get quick answers for involved tires and cars
Friedrich Lux, Tire Global Information, Austria

Group Photo

Lunch Break @ Event Center

Title: Exploiting toxicity networks as the basis for reliable prediction without animal testing
Erwin L. Roggen, 3Rs Management and Consultancy, Denmark

Title: Chromosome instability induced by hexavalent chromium is a result of impaired DNA repair and mitotic disruption
Sandra S. Wise, University of Southern Maine, USA

Title: Pubertal assays in toxicology: Focus on reproductive function
Juliana Elaine Perobelli, Universidade do Sagrado Coracao, Brazil

Title: *In vitro* molecular hematopoietic assays as substitute of *In vivo* tests in regulatory toxicity study of drugs
R. K. Singh, CSIR-CDRI, India

Title: Toxicity evaluation using mouse bone marrow mesenchymal stem cells: A predictive model for *in vitro* studies
P. V. Mohanan, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Title: Factors affecting reproducibility of proteasomal inhibition following PSI systemic administration to experimental animals
Salma Bukhatwa, Benghazi University, Libya

Coffee Break @ Event Center

Title: Evaluation of the possible protective role of quercetin on letrozole-induced testicular injury in male albino rats
Manar E. Selim, King Saud University, Saudi Arabia

Title: Studies on the neurological effects of propionic acid alone and in combination with antioxidants/antibiotics in hamsters
N. J. Siddiqi, King Saud University, Saudi Arabia

Title: Ameliorative effect of quercetin and idebenone against oxidative stress, inflammation, DNA damage and apoptosis induced in rat livers after oral exposure to titanium dioxide nanoparticles
Laila M. Fadda, King Saud University, Saudi Arabia

Title: Effect of betaine supplementation on cisplatin-induced nephrotoxicity in experimental animals: Contribution of nuclear factor kappa and caspase-3
Hanan Hagar, King Saud University, Saudi Arabia

Title: Generation and use of genetically modified human cell lines: A promising approach for *in vitro* toxicology studies
Noritaka Adachi, Yokohama City University, Japan

Session to be continued on Day-2

Cocktails Sponsored by **Journal of Clinical Toxicology @ Event Center**

Day 2 October 08, 2013

Track 1: Emerging Concepts in Toxicology
Track 2: Forensic Toxicology
Track 7: *In-vitro* and *In-vivo* Toxicology

Session Chair: Bruce A. Fowler, ICF International, USA
Session Co-Chair: Nikólas P. Lemós, University of California, USA

Session Introduction

Title: Resveratrol prevents cypermethrin induced neurotoxicity in rat by increasing acetylcholine esterase activity
Rambir Singh, Bundelkhand University, India
Title: Dose dependent effect of deltamethrin on reproductive system impairment in Wistar rats
Poonam Sharma, Bundelkhand University, India
Title: Role of COX-2 gene in Idiopathic preterm birth with reference to organochlorine pesticides: A case control study
Neha Garg, University of Delhi, India

Track 3: Pharmaceutical Toxicology
Track 4: Regulatory Toxicology
Track 5: Analytical Toxicology

Session Chair: Gregory J. Feldman, Alliance Biomedical Group International, USA
Session Co-Chair: Deepa A. Rao, Pacific University, USA

Session Introduction

Title: Reactive airway dysfunction syndrome after inhalation of the acrylonitrile: Perspective of the pulmonologist
Gregory J. Feldman, Alliance Biomedical Group International, USA
Title: Mitigating Doxubicin induced cardiotoxicity using natural products
Deepa A. Rao, Pacific University, USA

Coffee Break @ Event Center

Title: Simulations of pharmacokinetics and pharmacodynamics in virtual populations to enhance understanding of toxicology in humans
Manoranjenni Chetty, Simcyp Limited, UK
Title: Toxicity of antiepileptic drugs; Toxic epidermal necrolysis in patient with phenytoin
Khalid Alquliti, Taibah University, Saudi Arabia
Title: Cochlear cell death induced via cisplatin or gentamycin in combination with furosemide in rodents
Li Xia, Shanghai Sixth People's Hospital, China
Title: Bilirubin enhances neuronal excitability by increasing glutamatergic transmission in the rat lateral superior olive
Chun-Yan Li, Affiliated Sixth People's Hospital of Shanghai Jiaotong University, China
Title: Haematotoxicological evaluation of denrimeric nanoformulation of doxorubicin
Pushpendra K. Tripathi, U.P. Technical University, India

Track 6: Medical and Clinical Toxicology
Track 8: Veterinary Toxicology

Session Chair: Rajat Sethi, California Health Sciences University, USA
Session Co-Chair: Feng Li, University of Kansas Medical Center, USA

Session Introduction

Title: Cardiac toxicity associated with chronic ozone inhalationmay be linked to caveolin mediated p38MAPK signaling
Rajat Sethi, California Health Sciences University, USA
Title: Metabolomics reveals the novel mechanism of drug toxicity
Feng Li, University of Kansas Medical Center, USA

Lunch Break @ Event Center

Title: Poisoning of moose (Alces alces) with natural toxins in Norway
Silvio Uhlig, Norwegian Veterinary Institute, Norway
Title: The use of minipig species in toxicology, added values and model limitations
Sofiene Mhedhbi, France
Title: The relationship between rhabdomyolysis and alcohol ingestion in elderly doxylamine intoxicated patients
Young Gwan Ko, Kyung Hee University, South Korea
Title: Neuropsychological toxicity in stress predicted through a primate model of dietary therapy with novel multimodal sensing systems and algorisms
Mamiko Koshiba, Saitama Medical University, Japan
Title: Developmental model of affective behavior concerning reduction-oxidation regulation in neonatal brain
Shun Nakamura, Tokyo University of Agriculture and Technology, Japan

Coffee Break@ Event Center

15:55-16:40 Poster Presentations @ Event Center

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK
Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: Structural relationships between *Clostridium perfringens* Beta-Pore-forming toxins

Ajit K. Basak, Birkbeck College, UK

Title: The compatibility of Spindor dust with *Poecilia reticulata* for integrated mosquito larviciding

Joy Anogwih, University of Lagos, Nigeria

Title: Earthworm as bioindicator of soil pollution around Benghazi city, Libya

Maher Haeba, Benghazi University, Libya

Session to be continued on Day-3

Cocktails Sponsored by **Journal of Drug Metabolism & Toxicology @ Event Center**

Day 3 October 09, 2013

Track 9: Microbiology and Toxicology
Track 10: Entomotoxicology
Track 11: Occupational and Environmental Toxicology

Session Chair: Ajit K. Basak, Birkbeck College, UK

Session Co-Chair: Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Session Introduction

Title: The persisted organic pesticides pollutant (POPs) in the Middle East Arab Countries

M. Jamal Hajjar, King Faisal University, Saudi Arabia

Title: Detergent "Prinso" poisoning in Sri Lanka

Waruna Gunathilake, National Hospital of Srilanka, Srilanka

Title: Toxicological & psychiatric profile of patients attempting suicide by consuming organophosphorus compounds brought to a tertiary care center in capital city of India

M. S. Bhatia, University College of Medical Sciences & GTB Hospital, India

Title: Toxicity due to arsenic in Gangetic-zone of Patna, India and its linkage with cancer

Akhileshwari Nath, Mahavir Cancer Institute and Research Centre, India

Coffee Break @ Event Center

Title: Foundy fumes exposure and chronic obstructive pulmonary disease

Frederic Jacques Deschamps, University Hospital of Reims, France

Title: Withdrawal from exposure reverses hematotoxicity and hepatotoxicity caused by oral exposure to nitrocellulose thinner in male rats

Friday E. Uboh, University of Calabar, Nigeria

Title: Vanadium and antimony compositions in some fertilizers commonly-used in Saudi Arabia

Okla S. Al-Horayess, King AbdulAziz City for Science and Technology, Saudi Arabia

Title: Co-relation between pesticidal toxicity and carcinogenic risk in women

Priyanka, Mahavir Cancer Sansthan, India

Track 12: Metallic Toxicology
Track 13: Countermeasure for Toxins

Session Chair: R. K. Singh, CSIR-CDRI, India

Session Co-Chair: Pushpendra K. Tripathi, U.P. Technical University, India

Session Introduction

Title: Physiological and histopathological responses to sublethal concentrations of copper in the teleost fish, *Anabas testudineus* (Bloch -1972)

S. Bijoy Nandan, Cochin University of Science and Technology, India

Title: Specific treatments for serious viper envenomation: Is there a place for plasmapheresis?

Chani Mohamed, Military Training Hospital, Morocco

Lunch Break @ Event Center

Title: Necrostatin-1 counteracts neuronal cell loss induced by aluminum

Qinli Zhang, Shanxi Medical University, China

Title: Manganese induced haematological and histopathological changes in *Oreochromis mossambicus* (Peters, 1852)

S. Bijoy Nandan, Cochin University of Science and Technology, India

Title: A ten year retrospective study of alleged poisoning deaths in capital of India

Aggarwal NK, UCMS and GTB Hospital, India

Title: Tetrahydrocurcumin potentially attenuates arsenic induced oxidative hepatic dysfunction in rats

M.Muthumani, Annamalai University, India

Coffee Break @ Event Center

Award Ceremony