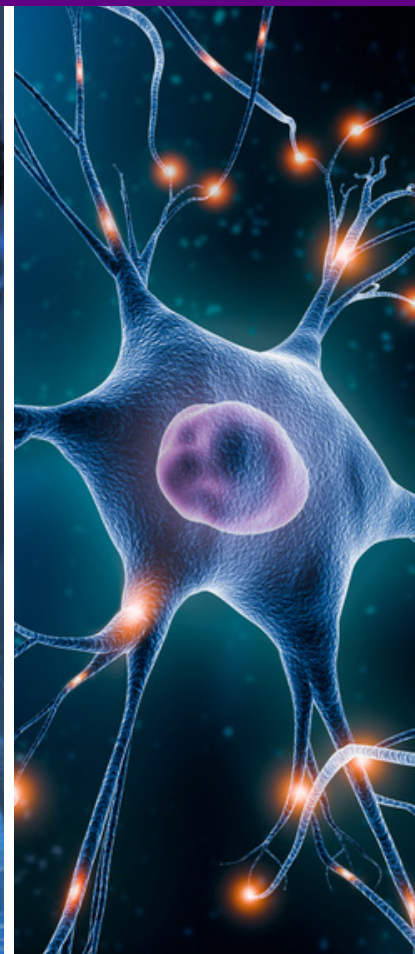


4th Global Experts Meeting on
**FRONTIERS IN
NEUROSCIENCES**
July 08 - 09, 2024 at Paris, France



Contact us:

Email: anakaren_f@neurosciences-research.org | Website: <https://neurosciences-research.org/>

Phone: +1-408-352-1010 | Whatsapp: +1-408-352-1010

SCIENTIFIC PROGRAM

4th Global Experts Meeting on
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NEUROSCIENCES
July 08 - 09, 2024 at Paris, France

SCIENTIFIC PROGRAM

Day -1: July (08, 2024)

Meeting Hall - Apogee 2

Registrations Open (8:00-09:00)

Opening Ceremony (09:00-09:10)

Moderator: Lin Liu, *University of Florida, USA*

Keynote Talks

Bahman Jabbari,
Yale University, USA

09:10-09:40

The Current Status of Botulinum Toxin Therapy in Motor Disorders

Carmen Villmann,
*University Hospital
Würzburg, Germany*

09:40-10:10

Startle disorders - New Molecular Insights into various associated neurological diseases

Jacques E Chelly,
*University of Pittsburgh,
USA*

10:10-10:40

Nanotechnology for Pain Management: A Mini Review

Group Photo & Refreshment Break (10:40-11:00)

Scientific Session-I

Themes:
Neuroscience and Neurology
Coronavirus and Neurological Problems

Session Chair:
Michelle Martel, *University of Kentucky, USA*

Justin Lee Massengale, <i>Harvard Medical School, USA</i>	11:00- 11:20	Navigated simultaneous lateral minimally invasive tubular and posterior mini-open access for removal and revision of triangular sacroiliac joint implants: Technical note
Rongpin Wang, <i>Guizhou Provincial People's Hospital, China</i>	11:20- 11:40	Morphology-based Self-supervised Deep Learning for Quantitative Susceptibility Mapping
Margaret Niznikiewicz, <i>Harvard Medical School, USA</i>	11:40- 12:00	Neurofeedback as a tool to mitigate symptoms in mental illness and a tool of clinical neuroscience
Maja Tarailo-Graovac, <i>University of Calgary, Canada</i>	12:00- 12:20	Detecting complex genetic mechanisms by combined genomics in neurodevelopmental diseases
Rebeca Mira Sanchez, <i>Universidad de Murcia, Spain</i>	12:20- 12:40	Endocrine disruptors and pesticides in neurodevelopmental disorders
Katarzyna Grycel, <i>Aarhus University, Denmark</i>	12:40- 13:00	The role of CRMP2 deficiency in the dysconnectivity aspect of schizophrenia – a conditional knockout mouse study
Lunch Break @ Restaurant (13:00-14:00)		
Scientific Session-II		
Themes: Cellular and Molecular Neuroscience, Neurodegenerative Diseases and Stress, Psychiatry & Mental Health		
Session Chairs: Margaret Niznikiewicz, Harvard Medical School, USA		
Alfonso Apicella, <i>The University of Texas at San Antonio, USA</i>	14:00- 14:20	The role of long-range GABAergic neurons in aversive learning

Michelle Martel, <i>University of Kentucky, USA</i>	14:20- 14:40	Longitudinal Temperament Pathways to ADHD Between Childhood and Adolescence
Vasiliki Tzouvara, <i>King's College London, UK</i>	14:40- 15:00	Adverse childhood experiences, mental health, and social functioning: A scoping review of the literature
Will Esmieu, <i>Charles River Laboratories, UK</i>	15:00- 15:20	Developing HDAC4-selective protein degraders to investigate the role of HDAC4 in Huntington's disease pathology
Hengnian Qi, <i>Huzhou University, China</i>	15:20- 15:40	A study of assisted screening for Alzheimer's disease based on handwriting and gait analysis
Fabrice Duval, <i>Centre Hospitalier Rouffach France, France</i>	15:40 - 16:00	Hypothalamic-pituitary-adrenal axis hyperactivity is normalized after successful intermittent theta-burst stimulation in resistant depressed patients
Refreshment Break (16:00-16:10)		
Lin Liu, <i>University of Florida, USA</i>	16:10 - 16:30	Examining a Triple Threat: The Intersection of Mental Health, Substance Use, and Re-entry of a Sample of Justice-Involved Persons
Cheng Long, <i>South China Normal University, China</i>	16:30 - 16:50	Selective deletion of glutamatergic CYLD leads to aberrant excitatory synaptic activities in basolateral amygdala associating with enhanced cued fear in mice
Laura Rabin, <i>Brooklyn College/ CUNY, USA</i>	16:50- 17:00	Informant Report of Functional Decision-Making Capacity is Associated with Social, Vulnerability and Fraud Victimization in a Nondemented Sample of Older Adults
Pannel Discussions & End of the Day		

Day -2: July (09, 2024)

Meeting Hall - Apogee 2

Moderator: Vasiliki Tzouvara, *King's College London, UK*

Keynote Talks

Florian Mormann,
*University of Bonn Medical
Center, Germany*

10:00-10:30

Single-neuron correlates of
perception and memory in the
human medial temporal lobe

Ede Frecska,
*University of Debrecen,
Hungary*

10:30-11:00

The Therapeutic Potentials of
Dimethyltryptamine against
Ischemia/Reperfusion Injury of the
Brain

Refreshment Break (11:00-11:15)

Scientific Session-III

Themes:
Neuroscience and Artificial Intelligence
Cellular and Molecular Neuroscience
Psychology and Mental Health

Session Chair:

Malgorzata Kulesa-Mrowiecka, *Jagiellonian University Medical College, Poland*

Marie Pancera,
*Fred Hutchinson Cancer
Center, USA*

11:15 - 11:35

Structures of drug-specific
monoclonal antibodies (mAbs) bound
to opioids reveal a common mode
of binding and allow for engineering
of mAbs against fentanyl and
carfentanil with improved binding

Jens Randel Nyengaard,
*Aarhus University,
Denmark*

11:35 - 11:55

Analysis of Pyramidal Cells in
Layer III of Brodmann Area 46 in
Schizophrenia and Depression

Da Zhi Liu,
*University of California at
Davis, USA*

11:55 - 12:15

Leveraging Tumor Suppressor
MicroRNA-122 and Oncogenic
Kinases Inhibitor Abemaciclib to
Treat Acute Brain Injuries

Fasciani Irene,
University of L'Aquila, Italy

12:15- 12:35

Effects of the Anti Parkinsonian
drug Ropinirole on M2 muscarinic
receptor activity

Werner Sieghart,
*Medical University Vienna,
Austria*

12:35- 12:55

Why can modulation of $\alpha 6$ -
containing GABAA receptors
reduce the symptoms of multiple
neuropsychiatric disorders?

Lunch Break @ Restaurant (12:55-14:00)

Scientific Session- IV

Themes:
Cognition & Behaviour Neurosciences
Neuroscience and Neurology

Session Chair:
Fasciani Irene, *University of L'Aquila, Italy*

Vasiliki Tzouvara,
King's College London, UK

14:00- 14:20

Reconsolidation of traumatic
memories protocol compared to
trauma-focussed cognitive behaviour
therapy for post-traumatic stress
disorder in UK military veterans: a
randomised controlled feasibility trial

**Luis Roberto Genis
Najera,**
Sanofi, Mexico

14:20- 14:40

Bioequivalence Study of Two Tablet
Formulations of Clonazepam 2 mg: A
Randomized, Open-Label, Crossover
Study in Healthy Mexican Volunteers
Under Fasting Conditions

Haiyun Xu,
*Wenzhou Medical
University, China*

14:40- 15:00

The interplay of dopamine
metabolism abnormalities and
mitochondrial defects in the
pathogenesis of schizophrenia

Rong Chen & Dongfan

Xiao,

*Guizhou Branch of
Shanghai Children's
Medical Center, Guizhou
Provincial People's
Hospital, China*

15:00- 15:30

Neuroprotective effect of
1,25-dihydroxyvitamin D3 against
hyperoxia-induced brain injury in
premature rats

Refreshment Break (15:30-15:40)

Jens Randel Nyengaard,

*Aarhus University,
Denmark*

15:40- 16:00

Layers II/III of prefrontal cortex
in Df(h22q11)/+ mouse model of
the 22q11.2 deletion display loss
of parvalbumin interneurons and
change of neuronal morphology and
excitability

Abiodun Brimmo Yusuf,

*Leeds Beckett University,
UK*

16:00- 16:20

Integrating the HFACS Framework
and Fuzzy Cognitive Mapping for In-
Flight Startle Causality Analysis

Małgorzata Kulesa-

Mrowiecka,

*Jagiellonian University
Medical College, Poland*

16:20- 16:40

Physiotherapy of temporomandibular
disorders in children with congenital
ankylosis

Stephan Steyn,

*North-West University,
South Africa*

16:40- 17:00

Mitochondrial (dys)function and
mood disorders: preclinical evidence
and the value of animal models in
understanding this link

Closing Ceremony

VIRTUAL SESSION

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Join Zoom Meeting

Meeting ID: 827 7743 8012

Pass code: 423404



Day-2 (July, 09th, 2024)

Time Zone: Central European Time (CET)

Jinrong Tang, <i>Nanjing Medical University, China</i>	09:00- 09:20	A rare case of near complete recovery in an apneic coma patient with brainstem encephalitis for 14 days and a 9-year follow-up
Zhenhuan Liu, <i>Guangzhou University of Chinese Medicine China</i>	09:20 - 09: 40	Neuroimaging by Evaluation Nerverenovate and neuroplasticity of Acupuncture in children with cerebral palsy
Esma Deniz Barc, <i>Yuksekt Ihtisas University, Turkey</i>	09:40 - 10:00	Behavioral And Molecular investigation Of the Effect Of Dexmedetomidine (DEX) On Learning And Memory in Experimental Schizophrenia-Like Model Mice
Guohui Jiang, <i>North Sichuan Medical College, China</i>	10:00 -10:20	Bioinformatics and network pharmacology analysis of drug targets and mechanisms related to the comorbidity of epilepsy and migraine
Stefanie I. Becker, <i>The University of Queensland, Australia</i>	10:20 - 10:40	Attention is tuned to relative features in visual search without prior knowledge of the context
Zhikuan Yang, <i>Central South University, China</i>	10:40 - 11:00	Enhanced Retinal Glycolytic Activity Through the Rod Signal Pathway in Response to Altered Visual Stimuli
Jiapei Dai, <i>South-Central Minzu University, China</i>	11:00 - 11:20	Intracellular simulated biophoton stimulation and transsynaptic signal transmission
Ronny Geva, <i>Bar Ilan University, Israel</i>	11:20 - 11:40	Bridging the Gap: Brainstem Insights into Autism Spectrum Disorders

Xiang-Yao Li, <i>Zhejiang University, China</i>	11:40 - 12:00	Single-nucleus RNA-sequencing uncovers the cell type-dependent transcriptomic changes in the cingulate cortex after peripheral nerve injury
Haya Lorberboum-Galski, <i>The Hebrew University of Jerusalem, Israel</i>	12:00 - 12:20	Mitochondrial Transfer as a Novel Therapeutic Approach for Alzheimer's Disease
Bingxu Jin, <i>Panyu Hospital of Traditional Chinese Medicine, China</i>	12:20 - 12:40	Mechanism of Qihuang needle therapy in the management of tic disorders: a clinical trial protocol
Toshihide Tanaka, <i>The Jikei University School of Medicine, Japan</i>	12:40 - 13:00	An exploratory multi-institutional prospective phase II study of preoperative neoadjuvant bevacizumab and temozolomide for newly diagnosed glioblastoma
Wing Chung Chang, <i>Department of Psychiatry/ University of Hong Kong</i>	13:00 - 13:20	Sex differences in symptom severity, cognition and psychosocial functioning among individuals with at-risk mental state for psychosis
Stefano Pallanti, <i>Istituto di Neuroscienze, Italy</i>	13:20 - 13:40	ADHD and Gaming: a dangerous couple
Giorgio Medici, <i>University of Bologna, Italy</i>	13:40 - 14:00	Expression of a secretable, cell penetrating CDKL5 protein enhances gene therapy efficacy in a mouse model of CDKL5 Deficiency Disorder and patient derived cortical organoids
Anna Maria Pittaluga, <i>University of Genoa, Italy</i>	14:00 - 14:20	New, non canonical role of complement as synaptic modulator in neurological diseases
Rosemary Woods, <i>De Montfort University, UK</i>	14:20 - 14:40	Evidence of language acquisition in children with profound cognitive delay

Jane Harvey Lloyd, <i>University of Leeds, UK</i>	14:40 - 15:00	The experience of Autistic Children and their Parents when visiting a Diagnostic Imaging Department
Gayle Doherty, <i>University of St Andrews, UK</i>	15:00 - 15:20	Developing leptin-based peptides to target neurodegeneration
Marta Zaninello, <i>University of Cologne/ CECAD, Germany</i>	15:20 - 15:40	RNA binding proteins and axonal homeostasis in peripheral neuropathies
Guillermo Moreno Sanz, <i>Zerenia Clinics Ltd, Spain</i>	15:40-16:00	Quantifying mouse facial expression, a tool to map animal emotions
Mounira Banasr, <i>Centre of Addiction and Mental Health, Canada</i>	16:00-16:20	Cortical astroglia pathology in depression: insight from animal models demonstrate a link to anhedonia
Yokhesh Krishnasamy Tamilselvam, <i>University of Western Ontario, Canada</i>	16:20-16:40	A Novel Robot based Paradigm for Intelligent Assessment of Parkinson's Disease
Shamsudheen Moidunny, <i>University of Miami Miller School of Medicine, USA</i>	16:40-17:00	The Gut Brain Axis in Depression associated with HIV 1 and Opioid Use
Andrea Anais Garcia Contreras, <i>Universidad de Guadalajara, Mexico</i>	17:00-17:20	Estimation of body fat percentage in children with cerebral palsy by antropometry, anthropometry with Gurka correction and bioelectrical impedance
David Shin, <i>Loma Linda University, USA</i>	17:20-17:40	Correlations among MRI-Based Cervical and Thoracic Vertebral Bone Quality Score, CT-Based Hounsfield Unit Score, and DEXA T-Score in Assessment of Bone Mineral Density
Justus Alfred Kromer, <i>Stanford University, USA</i>	17:40-18:00	Sequences and their shuffling may crucially impact coordinated reset stimulation

Laura Rabin,
*Brooklyn College/
CUNY,USA*

18:00- 18:20

Informant Report of Functional
Decision-Making Capacity is
Associated with Social, Vulnerability
and Fraud Victimization in a
Nondemented Sample of Older
Adults

Closing Ceremony

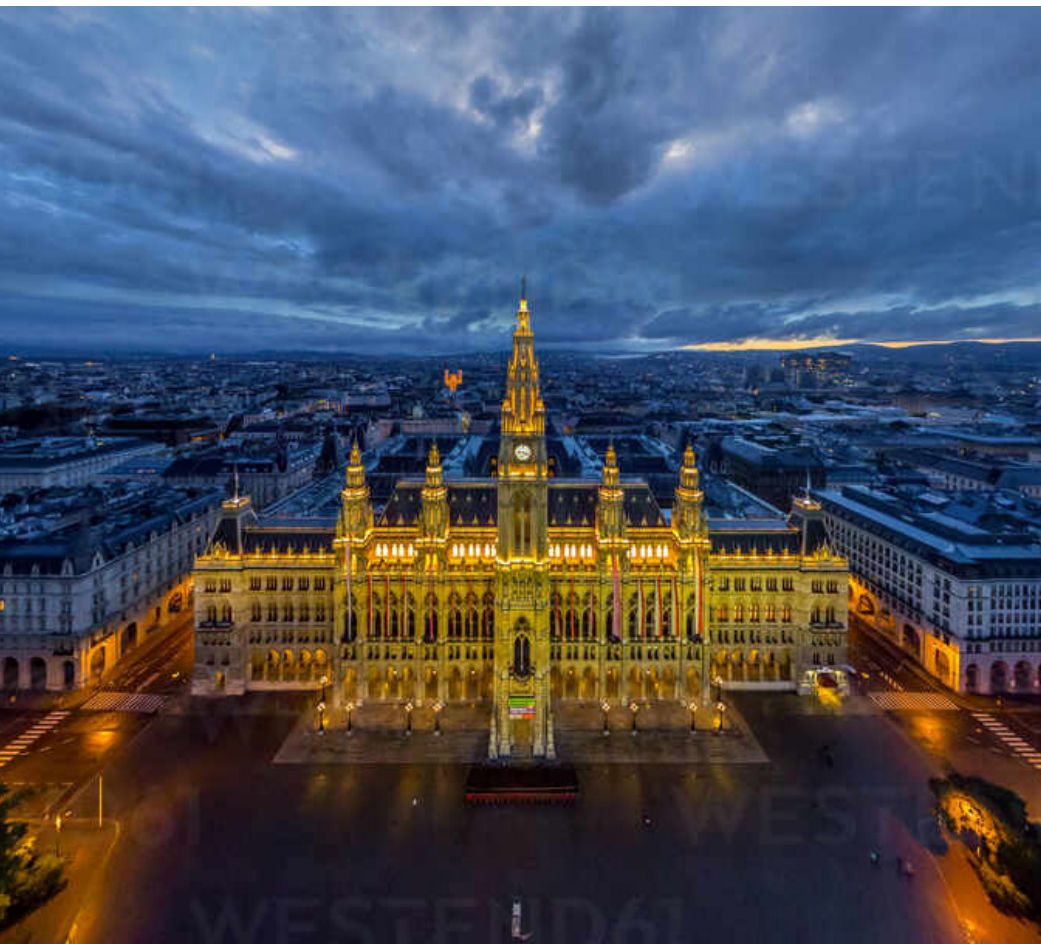
We wish to see you again at

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Phone: +1-408-352-1010 | Whatsapp: +1-408-352-1010



INNOVING INTERNATIONAL

USA: 5201 Great America Pkwy #320, Santa Clara, CA 95054, United States
Ph: +1-408-352-1010

INDIA: F No 301, Balaji Nagar, Nizampet, Hyderabad, TS, 500072, India.
Ph: +918374242127