

## 4<sup>th</sup> Global Experts Meeting on FRONTIERS IN NEUROSCIENCES July 08 - 09, 2024 at Paris, France

### Scientific Program

#### Day-1 - July 08, 2024

08:20-08:45

**Registrations**

08:45- 09:00

**Opening Remarks**

#### Keynote Session

09:00-09:30

**Neuroimaging by Evaluation Nerverenovate and neuroplasticity of Acupuncture in children with cerebral palsy**

Zhenhuan Liu, Guangzhou University , China

09:30-10:00

**A Spectrum of Objective Image based Personalized Biomarkers of Chronic Pain Can be Used to Monitor and Predict Therapeutic Responses**

Peter Pahapill, Medical College of Wisconsin, USA

10:00-10:30

**Keynote slot Available**

**Group photo @ Garden**

10:40- 11:00

**Refreshment Break**

#### Technical Session-I : TBA

11:00- 11:20

**Hypothalamic pituitary adrenal axis hyperactivity is normalized after successful intermittent theta burst stimulation in resistant depressed patients**

Fabrice Duval, Centre Hospitalier Rouffach, France

11:20- 11:40

**Neurofeedback as a tool to mitigate symptoms in mental illness and a tool of clinical neuroscience**

Margaret Niznikiewicz, Harvard Medical School, USA

11:40- 12:00	<p>Selective deletion of glutamatergic CYLD leads to aberrant excitatory synaptic activities in basolateral amygdala associating with enhanced cued fear in mice</p> <p>Cheng Long, South China Normal University, china</p>
12:00- 12:20	<p>Morphology based Self supervised Deep Learning for Quantitative Susceptibility Mapping</p> <p>Rongpin Wang, Guizhou Provincial People's Hospital, china</p>
12:20- 12:40	<p>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</p> <p>Marie Pancera, Fred Hutchinson Cancer Center, USA</p>
12:40- 13:00	<p>Neuroprotective effect of 1,25 dihydroxyvitamin D3 against hyperoxia induced brain injury in premature rats</p> <p>Rong Chen, Guizhou Provincial People's Hospital, China</p>
13:00- 13:20	<p>Neuroprotective effect of 1,25 dihydroxyvitamin D3 against hyperoxia induced brain injury in premature rats</p> <p>Dongfan Xiao, Guizhou hospital of shanghai children's medical center, China</p>
13:20-14:00	<b>Lunch @ Restaurant</b>
14:00- 14:20	<p>Why can modulation of <math>\alpha 6</math> containing GABAA receptors reduce the symptoms of multiple neuropsychiatric disorders?</p> <p>Werner Sieghart, Medical University Vienna, Austria</p>
14:20- 14:40	<p>Stellate ganglion block for the treatment of the dysautonomia of “Long Covid”</p> <p>David Gaskin, Republic Pain Specialists, Maverick Medical Education, USA</p>

<b>14:40- 15:00</b>	<p data-bbox="394 164 1942 256"><b>The interplay of dopamine metabolism abnormalities and mitochondrial defects in the pathogenesis of schizophrenia</b></p> <p data-bbox="394 289 1942 326"><b>Haiyun Xu, Wenzhou Medical University, China</b></p>
<b>15:00- 15:20</b>	<b>Slot Available</b>
<b>15:20- 15:40</b>	<p data-bbox="394 435 1942 527"><b>Efficacy of cognitive behavioral therapy based intervention on type 2 diabetes patients with comorbid metabolic syndrome: a randomized controlled trial</b></p> <p data-bbox="394 553 1942 591"><b>Jing Sun, Charles Sturt University, Australia</b></p>
<b>15:40- 16:00</b>	<p data-bbox="394 639 1942 677"><b>Neuroprotective Effects of Asparagus Officinalis Stem Extract in Transgenic Mice Overexpressing APP</b></p> <p data-bbox="394 727 1942 764"><b>Marie Francoise Joelle Doursout, McGovern Medical School, USA</b></p>
<b>16:00- 16:20</b>	<p data-bbox="394 802 1942 894"><b>Amyloid fibril formation mechanism and dynamic membrane interaction of human calcitonin and glucagon</b></p> <p data-bbox="394 920 1942 958"><b>Akira Naito, Yokohama National University, Japan</b></p>
<b>16:20- 16:40</b>	<p data-bbox="394 1013 1942 1050"><b>Incidence and Prevalence of Hemifacial Spasm</b></p> <p data-bbox="394 1105 1942 1143"><b>Paula Annikki Palomaki, University of Helsinki, Finland</b></p>
<b>Panel Discussions</b>	
<b>Day-1 Concludes</b>	

**Day-2 - July 09, 2024**

<b>09:30-10:00</b>	<p><b>Nanotechnology for Pain Management: A Mini Review</b></p> <p>Jacques E Chelly, University of Pittsburgh, USA</p>
<b>10:00-10:30</b>	<b>Keynote Slot Available</b>
<b>11:00- 11:20</b>	<b>Refreshment Break</b>
<b>Technical Session- II</b>	<b>TBA</b>
<b>Chairs: TBA</b>	
<b>11:20- 11:40</b>	<p><b>Understanding the etiology of dementia: Role of Non Demented Alzheimer Neuropathology (NDAN) Subjects</b></p> <p>Paul L Wood, Lincoln Memorial University, USA</p>
<b>11:40- 12:00</b>	<p><b>Meningitis in the guise of dementia: Lyme induced normal pressure hydrocephalus</b></p> <p>Ryan Liu, Cooper University Health Care, USA</p>
<b>12:00- 12:20</b>	<b>Slot Available</b>
<b>12:20- 12:40</b>	<p><b>Standardizing Measures: A Euro for test results in Mental Health Research and Clinical Care</b></p> <p>Edwin de Beurs, Leiden University, The NetherLands</p>
<b>12:40- 13:00</b>	<p><b>The interplay between PTSD symptomatology and physiological attentional regulation: the effects of dog assisted therapy</b></p> <p>Avi Avital, University of Haifa, Israel</p>
<b>13:00- 13:20</b>	<p><b>Advance Directives: Knowledge of the Topic Among Psychiatrists</b></p> <p>Vania Novelli Domingues &amp; Monica Domingues Monteiro, University of Porto, Portugal</p>
<b>13:20-14:00</b>	<b>Lunch @ Restaurant</b>

<b>14:00- 14:20</b>	<b>Breakthrough Research in Reversing Brain Aging</b>
	<b>Judy Qiao, Royavita Biotech, USA</b>
<b>14:20- 14:40</b>	<b>Does Living in Rural Areas Impact the Diagnostic Prevalence of Alzheimer’s Disease and Related Disorders? The Cases of Arkansas and Louisiana</b>
	<b>Badr Alnasser, University of Hail, Saudi Arabia</b>
<b>14:40- 15:00</b>	<b>Animal models to investigate vulnerability to cannabis addiction</b>
	<b>Elena Martin Garcia, Universitat Pompeu Fabra, Spain</b>
<b>15:00- 15:20</b>	<b>Slot Available</b>
<b>15:20- 15:40</b>	<b>Slot Available</b>
<b>15:40- 16:00</b>	<b>Se intake is an effective strategy for the improvement of cognitive decline in low cognition older Americans</b>
	<b>Ya Zhi Bai, National Institute for Nutrition and Health, China</b>
<b>16:00- 16:20</b>	<b>PDE5 inhibitors against synaptic and cognitive impairment in Alzheimer’s disease and related dementia</b>
	<b>Ottavio Arancio , Columbia University, USA</b>
<b>16:20- 16:40</b>	<b>Slot Available</b>
<b>16:40- 17:00</b>	<b>Slot Available</b>
<b>17:00-17:20</b>	<b>Refreshment Break</b>
<b>Closing Remarks</b>	

**Day-2 - July 9, 2024 (Parallel Virtual session)**

<b>10:00- 10:20</b>	<b>Bioinformatics and network pharmacology analysis of drug targets and mechanisms related to the comorbidity of epilepsy and migraine</b>
	<b>Guohui Jiang, North Sichuan Medical College, China</b>
<b>10:20- 10:40</b>	<b>New, non canonical role of complement as synaptic modulator in neurological diseases</b>
	<b>Anna Maria Pittaluga, University of Genoa, Italy</b>
<b>10:40- 11:00</b>	<b>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</b>
	<b>Giorgio Medici, University of Bologna, Italy</b>
<b>11:00- 11:20</b>	<b>The Gut Brain Axis in Depression associated with HIV 1 and Opioid Use</b>
	<b>Shamsudheen Moidunny, University of Miami Miller School of Medicine, USA</b>
<b>11:20-11:40</b>	<b>SPEAKER SLOT AVAILABLE</b>
<b>11:40- 12:00</b>	<b>A Novel Robot based Paradigm for Intelligent Assessment of Parkinson's Disease</b>
	<b>Yokhesh Krishnasamy Tamilselvam, University of Western Ontario, Canada</b>
<b>12:00- 12:20</b>	<b>Attention is tuned to relative features in visual search without prior knowledge of the context</b>
	<b>Stefanie I. Becker, The University of Queensland, Australia</b>

<b>12:20- 12:40</b>	<b>MIR137 polygenic risk for schizophrenia and ephrin regulated pathway: Role in lateral ventricles and corpus callosum volume</b>
	<b>Elisabetta C. Del Re, Harvard University, USA</b>
<b>12:40- 13:00</b>	<b>The experience of Autistic Children and their Parents when visiting a Diagnostic Imaging Department</b>
	<b>Jane Harvey Lloyd, University of Leeds, UK</b>
<b>13:00- 13:20</b>	<b>Aminopeptidase A and Dipeptidyl aminopeptidase 4 contribute to early lesions in Alzheimer's disease</b>
	<b>Checler Frederic, University of Nice Sophia Antipolis, France</b>
<b>13:20- 13:40</b>	<b>Novel synaptic protective lipid mediators in Alzheimers disease</b>
	<b>Nicolas G. Bazan, Louisiana State University Health New Orleans, USA</b>
<b>13:40- 14:00</b>	<b>Gut microbiota may be involved in Alzheimers disease pathology by dysregulating pyrimidine metabolism in APP/PS1 mice</b>
	<b>Yingjun Zhang, Hunan University of Medicine, China</b>
<b>14:00-14:00</b>	<b>SPEAKER SLOT AVAILABLE</b>
<b>14:20- 14:40</b>	<b>Transformative Advances in Alzheimers Disease Diagnosis: Harnessing the Power of Generative AI for Early Detection and Research Advancements</b>
	<b>Surabhi Sinha, Adobe, USA</b>
<b>14:40- 15:00</b>	<b>Deciphering Anti Alzheimer Drug Candidate Mechanism of Action Using a Bioorthogonal Chemistry derived Pharmacophore Strategy</b>
	<b>Nicolas SERGEANT, Inserm Nord Ouest, France</b>

<b>15:00- 15:20</b>	<b>Deleterious effects of amyloid beta oligomers on memory and sleep in Alzheimer's disease</b>
	<b>Jonathan Brouillette, University of Montreal, Canada</b>
<b>15:20- 15:40</b>	<b>Inhibition of TrkB receptor impairs exercise induced attenuation of cocaine seeking behavior</b>
	<b>Marian T Sepulveda Orengo, Ponce Health Sciences University, USA</b>
<b>15:40-16:00</b>	<b>SPEAKER SLOT AVAILABLE</b>
<b>16:00- 16:20</b>	<b>Immunological markers of mixed dementia</b>
	<b>Elina Reznik , Immanuel Kant Baltic Federal University, Russia</b>
<b>16:20- 16:40</b>	<b>Distinguishing between amyloid beta directed antibodies: Ability of PMN310 to target toxic oligomers despite competing species</b>
	<b>Johanne Kaplan, ProMIS Neurosciences, USA</b>
<b>16:40- 17:00</b>	<b>SPEAKER SLOT AVAILABLE</b>
<b>17:00- 17:20</b>	<b>Increased expression of protein O linked mannose beta 1,2 N acetylglucosaminyltransferase 1 ameliorates Alzheimer's disease like pathologies in its cell and mouse models</b>
	<b>Xiaofeng Li, Chongqing Medical University, China</b>
<b>17:20-17:40</b>	<b>SPEAKER SLOT AVAILABLE</b>
<b>Note: This is a tentative program and subject to change</b>	
<b>We are still accepting the abstracts. To book your slot, contact Dr. Anakaren Felix at <a href="mailto:anakaren_f@neurosciences-">anakaren_f@neurosciences-</a></b>	