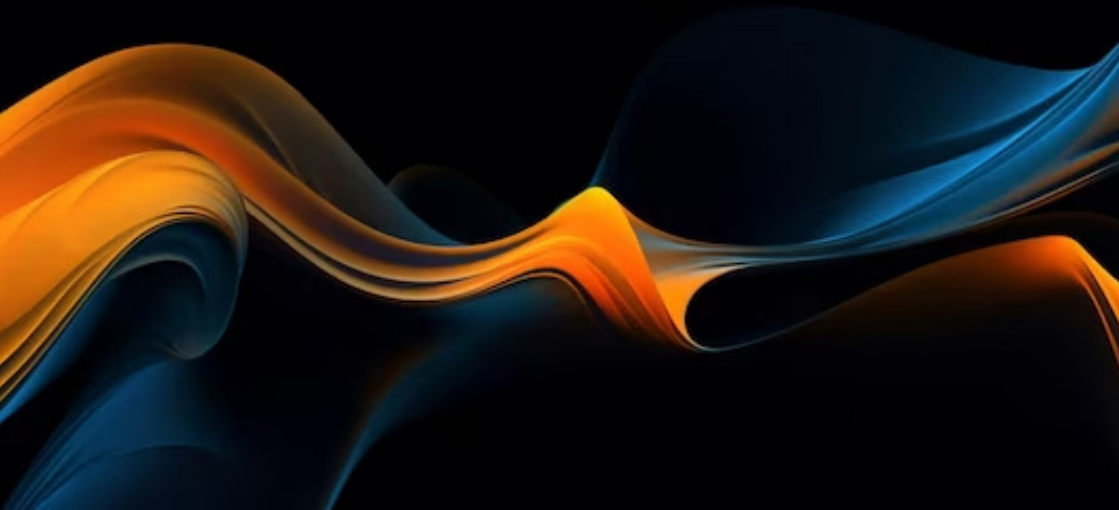





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# SCIENTIFIC PROGRAM

Joint Event on

**NEUROLOGY AND  
NEUROLOGICAL DISORDERS**

**&**

**ADVANCES IN MENTAL  
HEALTH AND PSYCHIATRY:  
SCIENCE, CARE, AND  
INNOVATION**

**June 22–23, 2026 | Singapore**

# SCIENTIFIC PROGRAM

**DAY 01**  
MONDAY

JUNE 22, 2026

08:00-08:30

**Registrations**

08:30-08:40

**Inaugural Ceremony**

**Moderator**

**Hassan M. Heshmati**, *Endocrinology Metabolism Consulting, LLC, Hassan Heshmati and Valerie Shaw Endocrine Research, USA*

**Sessions: Neurology | Neurosurgery | Neuroscience | Alzheimer's Disease and Dementia | Parkinson's Disease | Epilepsy | Sleep Disorders | Central Nervous System | Neurological Disorders | Mental Health | Autism | Addiction and Addiction Medicine | Clinical Psychology | Stress, Anxiety and Depression | Pain Medicine**

## Distinguished Speaker Talks

**Session Chair**

**Sasanka Chakrabarti**, *Maharishi Markandeshwar Institute of Medical Sciences & Research, Maharishi Markandeshwar (Deemed to be University), India*

**Session Chair**

**David Kashani**, *Psychiatrist, USA*

08:40-09:00

Title: Contribution of Lifestyle, Gut Microbiome, and Hormones to the Pathogenesis and Prevention of Alzheimer's Disease

**Hassan M. Heshmati**, *Endocrinology Metabolism Consulting, LLC, Hassan Heshmati and Valerie Shaw Endocrine Research, USA*

09:00-09:20

Title: Movies & Mental Illness

**Danny Wedding**, *Chiang Mai University, Thailand*

09:20-09:40

Title: HIV and Omega-3 May Influence Sex Differences in Hippocampal Volume and its Subfields

**Shenghan Lai**, *University of Maryland, USA*

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Title: Glymphatic Pathway-Independent Circulating Bloodbrain Barrier Cells (cBBBCs) are Superior to Molecular Biomarkers for Detection of Brain Injury

09:40-10:00

**Sheng-He Huang**, *University of Southern California (USC), USA*  
*Guangdong Nanshan Medicine Innovation Institute (NSMI), China*

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Title: Oculomics Approach to Study the Effect of Yoga Exercise in Patients with Parkinson's Disease

10:00-10:20

**Jianhua (Jay) Wang**, *University of Miami Miller School of Medicine, USA*

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GROUP PHOTO 10:20-10:30

REFRESHMENT BREAK 10:30-10:50

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Talk by  
BrainCase  
Biotech Co.,  
Ltd  
10:50-11:10

Title: Focusing on Viral Vectors

**Peng Su**, *Brain Case Biotech Co., Ltd, China*

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11:10-11:30

Title: Effect of Epicatechin on Learning, Short- and Long-Term Memory, Proinflammatory Cytokines, and Oxidative Stress in Proteins in the Hippocampus and Cortex in Aged Rats

**Verónica Salas Gutiérrez**, *Hospital Español, México*

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11:30-11:50

Title: Retinal Mitochondrial Function in Patients with Relapsing-Remitting Multiple Sclerosis with and without Optic Neuritis

**Hong Jiang**, *University of Miami Miller School of Medicine, USA*

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11:50-12:10

Title: Trauma and the Brain: Effects of Incarceration on Women's Neurological Health and Psychological Wellbeing

**Jessica K. Williams**, *Director of International Network for Incarcerated Girls and Women, Independent Scholar, Australia*

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12:10-12:30 Title: Pan-GLUT Inhibitors Trigger Mitochondrial Dysfunction, Altered Amyloid Beta Homeostasis and Neural Cell Degeneration: Implications in Alzheimer's Disease

**Sasanka Chakrabarti**, *Maharishi Markandeshwar Institute of Medical Sciences & Research, Maharishi Markandeshwar (Deemed to be University), India*

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12:30-12:50 Title: Hydrogen Sulfide and Neurodegenerative Diseases

**Constantin Munteanu**, *"Grigore T. Popa" University of Medicine and Pharmacy Iași, Romania*

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GROUP PHOTO 12:50-13:00

LUNCH BREAK 13:00-13:40

**Session Chair** **Sasanka Chakrabarti**, *Maharishi Markandeshwar Institute of Medical Sciences & Research, Maharishi Markandeshwar (Deemed to be University), India*

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**Session Chair** **David Kashani**, *Psychiatrist, USA*

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13:40-14:00 Title: MBCARE, a Mindfulness- and Self-Compassion-Based Intervention to Decrease Burnout and Promote Self-Compassion in Health Care Providers

**Corinne ISNARD BAGNIS**, *APHP-Sorbonne University, France*

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14:00-14:20 Title: Mental Health Benefits Communication in Foods and Supplements in Brazil

**Helena Fernandes Martins Tavares**, *University of Sao Paulo, Brazil*

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14:20-14:40 Title: Pathway-Specific Contributions of Frontoparietal Networks to Online Reach-to-Grasp Adjustments under Visual and Mechanical Perturbations

**Mariusz Furmanek**, *University of Rhode Island, USA*

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14:40-15:00 Title: Hypothesis of Mind

**David Kashani**, *Psychiatrist, USA*

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15:00-15:20 Title: SITH-1 is a Potential Biomarker of Mental Stress in Patients with Intracranial Aneurysms

**Hirokazu Koseki**, *The Jikei University School of Medicine, Japan*

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15:20-15:40 Title: 3TFL-XLnet-CP: A Novel Transformer-Based Crop Yield Prediction Framework with Weighted Loss Based 3-Tier Feature Learning Model

**C. Nandini**, *Dayananda Sagar Academy of Technology and Management, India*

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REFRESHMENT BREAK 15:40-16:00

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16:00-16:20 Title: Harnessing GeoAI and Social Media Data for Mental Health Surveillance

**Yan Liu**, *The Chinese University of Hong Kong Hong Kong*

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16:20-16:40 Title: Fetal Brain Injury in the Pump Twin: Insights from the TRAP Sequence Case

**Wirada Dulyaphat**, *Mahidol University, Thailand*

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16:40-17:00 Title: Development of Pulse Arrival Time Based System to Derive Beat-to-Beat Blood Pressure Variability

**Chaitali Aditya Deshmukh**, *University of Mumbai, India*

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17:00-17:20 Title: Parental Self-Efficacy and Parent-Child Relationship: The Mediating Role of Parental Stress

**Shamanthri Voralu**, *Wawasan Open University, Malaysia*

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17:20-17:40 Title: Comparing Self-Constraint Scales: Cultural Implications for the United States, East Asia, Southeast Asia, Latin America, and the Middle East

**Jon Lim**, *San Jose State University, USA*

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17:40-18:00 Title: Balloon-Assisted Retrieval of Detached Microwire Tip During Mechanical Thrombectomy

**Ariharan K**, *Father Muller Medical College Hospital, India*

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18:00-18:20 Title: Automated Quantitative Analysis of Lumbar Spine: A Comprehensive Approach

**Purushottam Kumar**, *All India Institute of Medical Sciences, Raebareli, India*

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**NETWORKING**

END OF DAY 1

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# SCIENTIFIC PROGRAM

**DAY 02**  
TUESDAY

**JUNE 23, 2026**

**HALL-01**

08:30-08:40

## **Introduction**

**Sessions: Neurology | Neurosurgery | Neuroscience | Alzheimer's Disease and Dementia | Parkinson's Disease | Epilepsy | Sleep Disorders | Central Nervous System | Neurological Disorders | Mental Health | Autism | Addiction and Addiction Medicine | Clinical Psychology | Stress, Anxiety and Depression | Pain Medicine**

## **Distinguished Speaker Talks**

**Session Chair** **Israel Liberzon**, *Texas A&M College of Medicine, USA*

**Session Chair** **Maria Poulou**, *University of Patras, Greece*

**Session Chair** **Jamuna Rajeswaran**, *National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India*

08:40-09:00

Title: Context Processing in PTSD

**Israel Liberzon**, *Texas A&M College of Medicine, USA*

09:00-09:20

Title: A Digital and Neuroaffirmative, Person-Centered Approach to Adult Autism Diagnosis: The SPQ 2.0 Platform

**Kirsten Callesen**, *Systemizer International, Denmark*

09:20-09:40

Title: Regulation of NLRP3-Dependent Pyroptosis by Vimentin-NF- $\kappa$ B Signaling is Critical for Decoding of HIV-Associated Neurocognitive Disorders (HAND)

**Sheng-He Huang**, *University of Southern California (USC), USA*  
*Guangdong Nanshan Medicine Innovation Institute (NSMI), China*

09:40-10:00

Title: Community-Based Mental Health through Caregiver Support Groups: Reducing Stigma, Promoting Early Screening, and Improving Treatment Adherence

**Bollineni Keerthi**, *President, Vasavya Mahila Mandali, India*

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10:00-10:20 Title: MISDEF3: Evolution of a Consensus-Based Decision-Support Algorithm for Minimally Invasive Adult Spinal Deformity Surgery

**Praveen V. Mummaneni**, *University of California, USA*

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GROUP PHOTO 10:20-10:30

REFRESHMENT BREAK 10:30-10:50

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10:50-11:10 Title: ECRG4 is a Potential Initiator for Amyloid Pathology in Alzheimer's Disease through Interacting with APP/A $\beta$

**Toru Kondo**, *Hokkaido University, Japan*

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11:10-11:30 Title: Translating Neuro-Technology into Practice: Overcoming Adoption Barriers in Dementia Care with "eMemory Kits"

**Florence Fong**, *Lingnan University, Hong Kong*  
**Lily Lee**, *Hong Kong Chinese Women's Club, Hong Kong*

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11:30-11:50 Title: Emotion Recognition Based on Brain Signals

**Tetsuya Shimamura**, *Saitama University, Japan*

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11:50-12:10 Title: Wellbeing and Mental Health in Schools: The Case of Greece

**Maria Poulou**, *University of Patras, Greece*

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12:10-12:30 Title: Multigenerational Narratives of Healing: Brokada Filipino Men's Healing Circle

**Wayne Jopanda**, *San Jose State University, USA*

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12:30-12:50 Title: Neuropsychological Rehabilitation in Stroke: EEG Neurofeedback and Brainwave Entrainment

**Jamuna Rajeswaran**, *National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India*

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GROUP PHOTO 12:50-13:00

LUNCH BREAK 13:00-13:40

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**Session Chair** **Israel Liberzon**, *Texas A&M College of Medicine, USA*

**Session Chair** **Maria Poulou**, *University of Patras, Greece*

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**Session Chair** **Jamuna Rajeswaran**, *National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India*

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13:40-14:00	<p>Title: Encephalocele: Operated Cases and Literature Review</p> <p><b>Gustavo González Torrealba</b>, <i>Hospital Regional de Talca, Chile</i></p>
14:00-14:20	<p>Title: Psychological Health &amp; Wellness Care (PHWC): A Case Study in Building a Stigma-Free, Sustainable Mental Healthcare Model in Bangladesh</p> <p><b>Md. Nomanuzzaman</b>, <i>Psychological Health &amp; Wellness Care Ltd (PHWC), Social Enterprise of SAJIDA Foundation, Bangladesh</i></p>
14:20-14:40	<p>Title: Medial Preoptic CCKAR Mediates Anxiety and Aggression Induced by Chronic Emotional Stress in Male Mice</p> <p><b>Hong Lian</b>, <i>Zhejiang University School of Medicine, China</i></p>
14:40-15:00	<p>Title: The State of Being a Woman: A Global Neurological Crisis</p> <p><b>Jessica K. Williams</b>, <i>Director of International Network for Incarcerated Girls and Women, Independent Scholar, Australia</i></p>
15:00-15:20	<p>Title: From Neurons to Norms: Neuroethics as the Neurology of Ethics</p> <p><b>Augustine Thomas Pamplany</b>, <i>Loyola College of Social Sciences, India</i></p>
15:20-15:40	<p>Title: Swallowing Problems in Individuals with Parkinson's Disease – A Self-Perception Study</p> <p><b>P. Prasitha</b>, <i>SRM Institute of Science and Technology, India</i></p>

**REFRESHMENT BREAK WITH POSTERS 15:40-16:30**

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Title: Association between Coping of the Primary Caregiver and the Adolescent Patient with Cancer

**Leonel Jaramillo Villanueva**, *IMSS, XXI Century National Medical Center, México*

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Title: Integrating Sustainable Development Goals (SDGs) and Generative AI to Enhance Language Digital Literacy and Creativity in EFL Learning Environments

**Syeda Rabia Tahir**, *UNITAR International University, Malaysia*

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Title: The KEAP1-Cullin3-RBX1-Nrf2 Axis in Redox Homeostasis: Molecular Mechanisms, Pathophysiological Roles, and Precision Therapeutic Opportunities

**Mayank Attri**, *Global Group of Institutes, India*

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15:40-16:30  
Posters

Title: Molecular Insights into the P2X7-NLRP3 Inflammasome in Diabetic Neuropathy: Integrating CRISPR-Cas9 Concepts into Future Stem Cell Therapies

**Sandip Tejpal**, *Guru Nanak Dev University, India*

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Title: XClinic Sensors: Validating Accuracy in Measuring Range of Motion Across Trauma Conditions

**Gianpietro Volonnino**, *Saint Camillus International University of Health Sciences, Italy*

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Title: Bruton's Tyrosine Kinase Inhibitors and Autologous Hematopoietic Stem Cell Transplantation in Multiple Sclerosis: A Review of Complementary Paradigms for a Divergent Disease

**Jeshua Nathaniel Devan**, *Selayang Hospital, Malaysia*

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Title: The Practical and Legal Realities of Women's Mental Health in the Era of the VBG and PMA in Mali

16:30-16:50

**COULIBALY Mariam MAIGA**, *Teacher-Researcher at Law Schools of Kurukanfuga University of Bamako (UKB) (Bamako-Mali)*

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16:50-17:10 Title: Treatment of Fixed Knee Deformity in Cerebral Palsy, Using Distal Femoral Extension Osteotomy with Patellar Tendon Shortening

**Reciniello Silvia**, *Hospital Italiano de Buenos Aires, Argentina*

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17:10-17:30 Title: Deciphering the Spatiotemporal Development of the Human Amygdaloid Complex

**Shuxia Cao**, *Zhejiang University School of Medicine, China*

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17:30-17:50 Title: Cytokine Gene Expression and Treatment Impact on MRI Outcomes in Jordanian MS Patients

**Sawsan Ibrahim Khdair**, *Al-Zaytoonah University of Jordan, Jordan*

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17:50-18:10 Title: Anxiety-Like Behavior in Rats During Periods of Abstinence Following E-Cigarette Vapor and Cigarette Smoke Exposure: Role of Inflammatory Cytokines and Glutamate Receptors

**Alaa M Hammad**, *Al-Zaytoonah University of Jordan, Jordan*

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## NETWORKING

END OF DAY 2

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## HALL - 02

### INTRODUCTION

**Session Chair** **Kirsten Callesen**, *Systemizer International, Denmark*

10:50-11:10 Title: Lived Experiences of Imprisoned Lives of Women in Conflict with Law: Social Work with an Empowerment Approach

**Neena Pandey**, *University of Delhi, India*

11:10-11:30 Title: Communicating Psychiatry Knowledge to the Chinese Public: Analyzing Predictive Factors of User Engagement on Chinese TikTok (Douyin)

**Tong Yang**, *Anhui Medical University, China*

11:30-11:50 Title: A Correlational Study of Social Loneliness, Coping Mechanisms and Homesickness among College Students

**Kanmani Sree Gowri**, *JAIN (Deemed-to-be University), India*

11:50-12:10 Title: Mental Health in Yemen: Cultural, Social, and Systemic Challenges in Times of Crisis

**Mohammed Hussein Aljalei**, *Mental Health Research Network of Yemen, Yemen*

12:10-12:30 Title: Pharmacogenomics and Opioid Efficacy in Sickle

**Rabab Hassan Elshaikh Mahmoud**, *A' Sharqiyah University, Oman*

12:30-12:50 Title: A Pedagogical Typology of Generative AI Use in Non-Formal Education

**Anastasia Vitvitskaya**, *Kazan Federal University, Russia*

GROUP PHOTO 12:50-13:00

LUNCH BREAK 13:00-13:40

**Session Chair** **Kirsten Callesen**, *Systemizer International, Denmark*

13:40-14:00 Title: Letter to Editor: Changes in Circulating Proinflammatory Lymphocytes and Cortical Excitability with Extended-Interval Natalizumab Dosing in Multiple Sclerosis

**Sadia Siddique Ansari**, *Faisalabad Medical University, Pakistan*

14:00-14:20	Title: SIC-ACV: Computer System for Differentiating Between Ischemic and Hemorrhagic Cerebrovascular Accidents Using Intelligent Algorithms <b>Zoila Esther Morales Tabares</b> , <i>Universidad Abierta Para Adultos, Dominican Republic</i>
14:20-14:40	Title: Parkinson's Disease: Conventional Pharmacotherapy, Drug Delivery Innovations, and Emerging Therapeutic Targets <b>Chirag Marwah</b> , <i>Chitkara University, India</i>
14:40-15:00	Title: Neuroprotective Effect of Hericium Erinaceus Alone and in Combination with Piperine in Rotenone-Induced Parkinsonism in Experimental Rats <b>Ankit Chaudhary</b> , <i>Meerut Institute of Engineering and Technology (MIET), India</i>
15:00-15:20	Title: Clinical Benefit of Invasive Vagus Nerve Stimulation in Intractable Epilepsy <b>Prudence Wirajaya</b> , <i>Pelita Harapan University, Indonesia</i>
15:20-15:40	Title: Virtual Reality Integration in Telangana Government Schools: Enhancing Student Learning Outcomes <b>Ushakiran Mangalagiri</b> , <i>Indian Institute of Technology, Hyderabad, India</i>
REFRESHMENT BREAK 15:40-16:00	
16:00-16:20	Title: Decoding Molecular Determinants of Cochlear Implant Outcomes Using Patient Specific Neurovascular Models: A Pilot Study <b>Alka Bhardwaj</b> , <i>Postgraduate Institute of Medical Education and Research (PGIMER), India</i>
16:20-16:40	Title: Effectiveness of a Parent-Implemented Intervention for Improving Balance in a Child with Autism Spectrum Disorder <b>Sungeun (Joy) Lee</b> , <i>Baekseok University, South Korea</i>

## NETWORKING

END OF DAY 2

# Focusing on viral vectors

BrainCase is dedicated to leading the innovation of gene delivery tools and solutions



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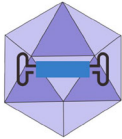


~10,000 Impact Factor



In Vivo Platform

AAV Vector Platforms



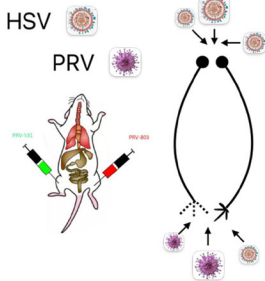
Lentiviral Vector Systems



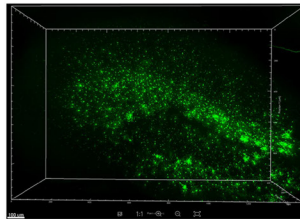
Vector Cloning Service



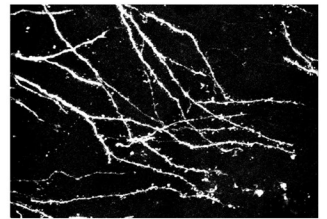
Neurotropic Virus Tools



Microglia-Targeted Labeling Solutions



Single-Neuron Sparse Labeling






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# SCIENTIFIC PROGRAM

Virtual Event

Joint Event on

**NEUROLOGY AND  
NEUROLOGICAL DISORDERS**

**&**

**ADVANCES IN MENTAL  
HEALTH AND PSYCHIATRY:  
SCIENCE, CARE, AND  
INNOVATION**

**June 22-24, 2026**

# SCIENTIFIC PROGRAM

**DAY 01**  
MONDAY

**JUNE 22, 2026**

**BST (British Summer Time)**

07:00-07:05

## Inaugural Ceremony

**Sessions: Neurology | Neurosurgery | Neuroscience | Alzheimer's Disease and Dementia | Parkinson's Disease | Epilepsy | Sleep Disorders | Central Nervous System | Neurological Disorders | Mental Health | Autism | Addiction and Addiction Medicine | Clinical Psychology | Stress, Anxiety and Depression | Pain Medicine**

## Distinguished Speaker Talks

07:05-07:25

Title: A Constructivist and Sociocultural Framework for Metalinguistic Development: Lessons from Children, Adolescents, and Adults

**Maria Antonietta PINTO**, *University of Rome "La Sapienza", Italy*

07:25-07:45

Title: Chemokine Receptor CCR5 is a Novel Target for Repair of Traumatic Brain Injuries

**Esther Shohami**, *The Hebrew University of Jerusalem, Israel*

07:45-08:05

Title: Effectiveness of Functional Analytic Psychotherapy and Future Directions

**Manuel Ricardo Nazareno Tarraf**, *Universidad Nacional de Mar del Plata, Argentina*

08:05-08:25

Title: The Role of Sphingolipid Metabolism and Neuron Death in Ischemic Stroke: A New Perspective from Bioinformatics

**Sen Hu**, *Zhengzhou University People's Hospital, China*

08:25-08:45

Title: My Present Vision of the Core of Medicine Based on the Message of a Painting and a Ship Travel, Made Both on the XVI Century

**José Manuel Domingues Poças**, *Consulped - Offices of Pediatrics and Family, Portugal*

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08:45-09:05 Title: Artificial Light at Night (ALAN), and Neurological Disorders  
**Nubi Leon Martinez**, *Universidad Politecnica de Madrid, Spain*

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09:05-09:25 Title: The Research Progress of Cannabidiol in Delaying Aging and Treating Alzheimer's Disease  
**Yanying Liu**, *Qingdao Huanghai University, China*

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09:25-09:45 Title: Comparative Efficacy of Three-Dimensional Transabdominal and Transvaginal Sonography for Fetal Brain Fissure Assessment  
**Chatuporn Duangkum**, *Khon Kaen University, Thailand*

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09:45-09:55 E-Poster Title: Spleen-Directed Focused Ultrasound Alleviates Colitis-Associated Neuroinflammation  
**Feng-Yi Yang**, *National Yang Ming Chiao Tung University, Taiwan*

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09:55-10:15 Title: Integrating EMDR in the Multidimensional Management of PTSD and Cognitive Dysfunctions in Post-COVID-19 Syndrome: A Neuropsychological Perspective  
**Concetta Mezzatesta**, *Psychologist, Italy*

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10:15-10:35 Pre-Recording Title: Cross-Regional Barriers to Achieving Desired Physical Activity in University Students: A Multicentre Study in Europe and the Americas with Policy Implications  
**Luis Moral-Moreno**, *Centro de Enseñanza Superior Don Bosco, Spain*

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REFRESHMENT BREAK 10:35-10:50

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10:50-11:10 Title: Enhancing Mental Health with Artificial Intelligence: Progress, Pitfalls, and Promises  
**Vimala Veeraghavan**, *Apeejay Styra University, India*

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11:10-11:30 Title: Effect of Trehalose on Autophagy Induction and Genes Expression in Young and Old Mice with Genetic Model of Diabetes  
**Tatiana A. Korolenko**, *Institute of Neurochemistry and Medicine, Russia*

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11:30-11:50	<p>Title: miR-146A and miR-146B Promoter Methylation and Common Sequence Variations are Not Likely to be Involved in Autism Spectrum Disorder</p> <p><b>Maha Mahmoud Ahmed Kobesiy</b>, <i>National Research Centre, Egypt</i></p>
11:50-12:10 Pre-Recording	<p>Title: Neuropathic Pain: A Journey Through Mechanistic Discoveries and Therapeutic Horizons</p> <p><b>Sonali Manwatkar</b>, <i>Vishwakarma University, India</i></p>
12:10-12:30	<p>Title: Presenting a Correlational Model of Neurological Functions with Mental Disorders Through Mediation of Alexithymia in Addicts</p> <p><b>Alireza Homayouni</b>, <i>Islamic Azad University, Iran</i></p>
12:30-12:50	<p>Title: Blooming of a Multidisciplinary Third Wave Positive Psychology in L2WTC</p> <p><b>Elnaz Oladrostam</b>, <i>Shahid Beheshti University, Iran</i></p>
12:50-13:10	<p>Title: Yoga Asanas Posture Detection and Correction with Live Stream Data Using a Mobile Application</p> <p><b>G. Rathi</b>, <i>Sri Ramakrishna Engineering College, India</i></p>
13:10-13:30 Pre-Recording	<p>Title: Philosophy in the Birth of Physiology: Spinoza and Johannes Peter Müller on Hallucinations</p> <p><b>Filip Adolf Buyse</b>, <i>KVCV, Belgium</i></p>
LUNCH BREAK 13:30-14:00	
14:00-14:20	<p>Title: The 3-Second NeuroShift™ and the Dopamine Reset Method™: Rewiring Automatic Patterns to Reclaim Choice, Restore Resilience, and Redefine What's Possible</p> <p><b>Edie Raether</b>, <i>NeuroShifts, LLC, USA</i></p>
14:20-14:40	<p>Title: Diagnostic CNS Tumor Challenges in the Molecular Age</p> <p><b>Michael Punsoni</b>, <i>Brown University, USA</i></p>
14:40-15:00	<p>Title: Bridging the Gulf Between Clinical Work and Neuroscience Findings</p> <p><b>Janet Lee Bachant</b>, <i>Psychoanalytic Institutes, USA</i></p>

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15:00-15:20 Title: A Micronutrient Mixture with Probiotics, Collagen Peptides, Omega 3, Cannabidiol, and Diet may Reduce the Risk of Development and Progression of Post-Traumatic Stress Disorder (PTSD), and Improve its Treatment

**Kedar N Prasad**, *University of Iowa, USA*

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15:20-15:40 Title: Human Neural Stem Cells for Traumatic Brain Injury: Cross-Species Evidence of Circuit Integration and Functional Recovery from Rodents to Non-Human Primates

**Brian J Cummings**, *University of California, USA*

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15:40-16:00 Title: A Link Between Circadian Disruption and Diseases

**Xiaoyue Pan**, *NYU Grossman Long Island School of Medicine, USA*

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16:00-16:10  
E-Poster Title: Topological Analysis of Alzheimer's Progression with Persistence Images

**Jayanth Kande**, *Southern University and A&M College, USA*

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REFRESHMENT BREAK 16:10-16:20

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16:20-16:40 Title: Anatomically Interpretable Domain Adaptation for Alzheimer's Disease Diagnosis in 3D MRI

**Alejandro Patiño Bedoya**, *Universidad Nacional de Colombia, Colombia*

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16:40-17:00 Title: Promotion of Alzheimer's Disease-Like Tauopathy by eCIRP

**Max Brenner**, *The Feinstein Institutes for Medical Research, USA*

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17:00-17:20 Title: From Phantom to Practice: Stimulus Transfer in Theory and Virtuality

**Armin Grasnick**, *IU International University of Applied Sciences, Germany*

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17:20-17:30  
E-Poster

Title: Through the Borders of “Normality”: The Construction of Mental Illness and the Work of the Psychologist

**Bianca de Magalhães Athayde**, *Federal University of Bahia (UFBA), Brazil*

**NETWORKING**

**END OF DAY 1**

# SCIENTIFIC PROGRAM

# DAY 02

TUESDAY

JUNE 23, 2026

BST (British Summer Time)

07:00-07:05

## Introduction

Sessions: Neurology | Neurosurgery | Neuroscience | Alzheimer's Disease and Dementia | Parkinson's Disease | Epilepsy | Sleep Disorders | Central Nervous System | Neurological Disorders | Mental Health | Autism | Addiction and Addiction Medicine | Clinical Psychology | Stress, Anxiety and Depression | Pain Medicine

## Distinguished Speaker Talks

07:05-07:25

Title: Playing to Grow: How a Serious Game Strengthens Teachers' Professional Well-Being

**Valeria Cavioni**, *Universitas Mercatorum, Italy*

07:25-07:45

Title: Transdiagnostic Eye-Tracking Biomarkers of Inattention Across Psychiatric Disorders: A Systematic Review

**Anahita Khorrami Banraki**, *Institute for Cognitive Science Studies, Iran*

07:45-08:05

Title: Beyond the Surface: Deciphering CNS Pathologies through Epigenetic Liquid Biopsies of Brain Cell Death

**Asael Lubotzky**, *University of Jerusalem, Israel*

08:05-08:25

Title: Long-Term Pharmaco-Surgical Management and Review of Recurrent Atypical Spreading Long Buccal and Lingual Nerve Trigeminal Neuralgia

**Pushpa Kumari**, *Classified Specialist Oral & Maxillofacial Surgery, Indian Navy, India*

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Title: Features of Care Facilities for People with Cognitive Impairments in Russia

08:25-08:45

**Yulia Posvyatenko**, *Moscow State University of Civil Engineering (National Research University), Russia*  
**Bruno V.V.**, *Institute of Sociology of the Federal Center of Theoretical and Applied Sociology of the Russian Academy of Sciences; Moscow State University of Civil Engineering (National Research University), Russia*

08:45-09:05

Title: A Review of the Current use of Humanities and the Arts to Address Mental Illness in the Caribbean with Recommendations for the Future

**Rachael E Williams**, *Data for Development and Management, Trinidad*

09:05-09:25

Title: Reducing Anxiety and Improving MRI Experience in Pediatric Patients: Clinical Perspectives and Audiovisual Support Strategies

**Seçil Oktay**, *Aydın City Hospital, Türkiye*

09:25-09:35

E-Poster

Title: A Rare Presentation of Wernicke's Encephalopathy with Internuclear Ophthalmoplegia in Primi Gravida

**Manimozhi.T**, *Sree Balaji Medical College and Hospital, India*

09:35-09:55

Title: Neuroprotective Effect of Low-Intensity Ultrasound Against Diabetic Neuropathy

**Serap OKTAY**, *Adnan Menderes University, Türkiye*

09:55-10:15

Title: Disaccharide Trehalose Effects in C57Bl/6 Mice with Obesity Induced by a High Carbohydrate-Fat Diet and Behavior

**Tatiana Korolenko**, *Novosibirsk Medical University, Russia*

10:15-10:35

Pre-Recording

Title: On Quantum-Holographic Framework of Psychosomatics & Spirituality

**Dejan Raković**, *University of Belgrade, Serbia*

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REFRESHMENT BREAK 10:35-10:50

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10:50-11:10	<p>Title: RAB3GAP1 Deficiency in Warburg Micro Syndrome: Autophagy Defects, Emerging Trafficking Involvement, and Enigmatic Mechanisms of Cortical Maldevelopment</p> <p><b>Adeline Orts-Del'Imagine</b>, <i>Université Paris Cité, France</i></p>
11:10-11:30	<p>Title: Yoga-Based Modulation of Autonomic Nervous System in Post-COVID Anxiety: An Integrative Therapeutic Approach</p> <p><b>Olena Bakai</b>, <i>International Yoga Therapy Center SENSE, Ukraine</i></p>
11:30-11:50	<p>Title: A Retrospective Five-Year Autopsy-Based Study of Suicide in Punjab Province of Pakistan</p> <p><b>Arif Rasheed Malik</b>, <i>Forensic Medicine &amp; Toxicology, Pakistan</i></p>
11:50-12:00 E-Poster	<p>Title: Bad Governance and Corruption as Preludes to Insecurity, Economic Crises, National Instability and Educational Failure: Implication for Psychology of Human Development</p> <p><b>Eric Chima NDUKWU</b>, <i>University of Nigeria, Nigeria</i></p>
12:00-12:20	<p>Title: The Quest of Remyelination in Multiple Sclerosis: Current State of The Field</p> <p><b>Christina Argyropoulou</b>, <i>General Hospital of Nicosia, Cyprus</i></p>
12:20-12:40	<p>Title: Changing the Neuro Future</p> <p><b>Luiz Abel Magro Moutinho</b>, <i>University of Suffolk, England</i></p>
12:40-12:50 E-Poster	<p>Title: Association Between Albumin-Bilirubin Index and Severity of Hepatic Encephalopathy: Evidence from a Cross-Sectional Analysis</p> <p><b>Annysa Ayu Martina</b>, <i>Universitas Gadjah Mada, Indonesia</i></p>
12:50-13:10	<p>Title: Factors Contributing to Uncertainty in Self-Administered Medication Intake</p> <p><b>Reenu Singh</b>, <i>Indian Institute of Management Mumbai, India</i></p>

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13:10-13:30  
Pre-  
Recording

Title: Systems, Methods, and Media for Predicting a Conversion Time of Mild Cognitive Impairment to Alzheimer's Disease in Patients

**Mohamed Abu Sheha**, *Southeast Missouri State University, USA*

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LUNCH BREAK 13:30-14:00

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14:00-14:20

Title: Collaborating with Content Area and Non-Content Area Teachers: Implications for Students with Disabilities

**Jeffrey P. Bakken**, *Bradley University, USA*

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14:20-14:40

Title: Anticonvulsant Medication Discrepancies in Paediatric Discharge Summaries for Patients Presenting with Seizures: A Two-Cycle Quality Improvement Project

**Nuwani Amarasekera**, *University Hospital Coventry and Warwickshire, UK*

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14:40-15:00

Title: Practical Emotional Intelligence: Bridging Affect and Action Through the R.E.A.L. Framework

**Stevie Amos Burke**, *Clean Community Inc.(CCI), USA*

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15:00-15:20  
Pre-  
Recording

Title: Disparities in Neurological Management for Parkinson's Disease in Latvia: Pilot Study Evidence

**Paula Abola**, *University of Jamestown, USA*

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15:20-15:40

Title: Understanding Pediatric Traumatic Brain Injury Across the Childhood Lifespan

**Juliet Haarbauer-Krupa**, *Emory University School of Medicine, USA*

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15:40-16:00

Title: Structural and Functional Mechanisms of Kainatetype Glutamate Receptors

**Nami Tajima**, *Case Western Reserve University School of Medicine, USA*

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16:00-16:10  
E-Poster

Title: Controlled Local Hyperthermia and Magnetic Hyperthermia for Therapy of Cancer Diseases

**Zviad Kovziridze**, *Georgian Technical University, Georgia*

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REFRESHMENT BREAK 16:10-16:20

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16:20-16:40 Title: Pharmacokinetics and Pharmacodynamics of Perfluorooctane Sulfonate (PFOS) and its Role in the Development and Progression of Prostate, Ovarian and Breast Cancers

**Victor Chukwubuike Nwankwo**, *Texas A&M University, USA*

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16:40-17:00 Title: Targeted Treatment of Gliomas Using Boron-Containing Dyes Specific to Beta-Amyloid

**Vassiliy Tsytsarev**, *Johns Hopkins University, USA*

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17:00-17:20 Title: Redesigning a Dialogue Between Phenomenology, Neurology and Cognitive Sciences, Starting from the view of the Historian of Philosophy

**Bettina Bergo**, *Université de Montréal, Canada*

**NETWORKING**

**END OF DAY 2**

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# SCIENTIFIC PROGRAM

# DAY 03

WEDNESDAY

JUNE 24, 2026

BST (British Summer Time)

07:00-07:05

## Introduction

**Sessions:** Neurology | Neurosurgery | Neuroscience | Alzheimer's Disease and Dementia | Parkinson's Disease | Epilepsy | Sleep Disorders | Central Nervous System | Neurological Disorders | Mental Health | Autism | Addiction and Addiction Medicine | Clinical Psychology | Stress, Anxiety and Depression | Pain Medicine

## Distinguished Speaker Talks

07:05-07:25

Title: Atypical Manifestation of Pituitary Crooke's Cell Tumour: A Case Report and Literature Review

**Abdullah A A Alsayedomar**, *Jaber Al-Ahmad Al-Sabah Hospital, Kuwait*

07:25-07:45  
Pre-Recording

Title: Shadow Perception, Embodiment and Nature-Based Psychotherapy: An Integrative Ecopsychological Model

**Maayan Green**, *Independent Researcher, Israel*

07:45-08:05

Title: Drug Repurposing through Altered Cell-Cell Communication Networks in Alzheimer's Disease

**Syedeh Sedigheh Abedini**, *UNSW Sydney, Australia*

08:05-08:25

Title: Resilience as a Protective Mediator of Quality of Life in Cancer Patients in Healthcare Settings

**Cristina Liviana Caldiroli**, *eCampus University, Italy*

08:25-08:45

Title: Progress in Suture-Free Nerve Repair: Integrating Novel Bioadhesives with Electrical Stimulation for Enhanced Regeneration

**Peyman Esmaeili Fard Barzegar**, *Western Sydney University, Australia*

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08:45-09:05 Title: Material Support Alone is Not Enough: Personal Vision and Intrinsic Motivation as Mediators of Adolescent Mental Health Outcomes in Zimbabwean Orphanages  
**Munashe Mhaka**, *Mighty Me Motivations, Harare, Zimbabwe*

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09:05-09:25 Title: Evaluating Stress in Healthy Participants with Single-Channel EEG Features and HRV Based on Two Studies and Meta-Analysis  
**Neta Maimon**, *Tel Aviv University, Israel*

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09:25-09:45 Title: The Cycle of Trauma: Unreconciled Prior Victimization and the Victim-Offender Overlap Among Prisoners in South India  
**Beulah Shekhar**, *Parul University, India*

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09:45-10:05 Title: Characterization of Fission and Fusion Mitochondrial Dynamics in HD Fibroblasts According to Patient's Severity Status  
**Uri Sprecher**, *Tel Aviv University, Israel*

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REFRESHMENT BREAK 10:05-10:20

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10:20-10:40 Title: Investigating the Effectiveness of Virtual Reality as an Educational Tool for Children with Autism: A Technical Analysis Review  
**Aisha Mohammed Ahmed Al-Zaabi**, *Sohar University, Oman*

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10:40-10:50 E-Poster Title: Magnetic Field-Enhanced Docosahexaenoic Acid Delivery for Acetylcholine Restoration in Alzheimer's Disease: An in Silico Study  
**Madhuleena Dasgupta**, *Liverpool Hope University, UK*

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10:50-11:10 Title: Does Sucrose have a Beneficial Effect in the Treatment of PTSD?  
**Imola PLANGÁR**, *University of Pécs Medical School, Hungary*

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11:10-11:20 E-Poster Title: Reeling in Miller Fisher Syndrome: A Rare Catch in Trinidad and Tobago  
**Ijaz Ogeer**, *San Fernando General Hospital, Trinidad*

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11:20-11:40 Title: Cognitive Assessment in Parkinson's Disease: A Cross-Sectional Comparison of Standard Clinical Scales and Visuospatial Cognitive Tests

**Aleksejs Ševčenko**, *Riga Stradiņš University, Latvia*

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11:40-12:00 Title: From Elixir to Enemy: The Dark Side of Mercury

**Sharon Pradeeptha**, *Christian Medical College, India*

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12:00-12:20 Title: tDCS may Enhance Post-Stroke Neuroplasticity Via  
Pre- Recording Real-Time Motor Imagery BCI

**Fernando Bermudes Cabral**, *Federal University of Espírito Santo (UFES), Brazil*

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12:20-12:40 Title: Outcomes of Oberlin Transfer in Elderly Patients: A Case Series

**Evelina Llorian**, *Federal University of Rio de Janeiro State (UNIRIO), Brazil*

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12:40-13:00 Title: Microbiome and Neuropsychiatric Disorders

**Tyler Halverson**, *University of Toronto, Canada*

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LUNCH BREAK 13:00-13:30

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13:30-13:50 Title: Analysis of EEG Rhythms During Motor Imagery for Standing and Sitting Tasks

**Nayid Triana-Guzman**, *Universidad Nacional Abierta y a Distancia (UNAD), Colombia*

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13:50-14:10 Title: Multi-Modal AI-Powered Prediction of Ischemic Stroke Etiologies for Recurrent Stroke Prevention

**William H. Lee**, *Yale University School of Medicine, USA*

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14:10-14:30 Title: Unraveling Mechanisms of Muscle Atrophy in Limb-Girdle Muscular Dystrophy R1 (LGMDR1)

**Sukanya Banerjee**, *Duke University School of Medicine, USA*

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14:30-14:50 Title: Using Video Modeling as an Evidence-Based Practice to Teach Leisure Skills to Minor Children with Autism Spectrum Disorder in the United States

**Lubna Alzayyat**, *Duquesne University, USA*

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14:50-15:10

Title: Brain-Specific MicroRNA-Mediated Regulation of Metabolic Homeostasis in *Drosophila Melanogaster*

**Pushpa Verma**, *Harvard Medical School, USA*

REFRESHMENT BREAK 15:10-15:20

15:20-15:40

Title: Concurrent Validity of a Head Mounted Display Augmented Reality Device with Accelerometer for Executive Function Testing in Healthy Young Versus Older Adults

**James Buskirk**, *Rosalind Franklin University, USA*

15:40-16:00

Title: A Multi-Modal Deep Learning Model for Glioma Recurrence Prediction

**Ece Uzun**, *Brown University, Providence, USA*

16:00-16:20

Title: Neurophysiological Signatures of Intentional Brain State and Hormonal Modulation: A QEEG Case Report

**Yana Edelshtein**, *MetaMind Consulting, UK*

NETWORKING

END OF DAY 3

BOOKMARK YOUR DATES

8<sup>TH</sup> GLOBAL CONCLAVE ON  
**NEUROLOGY AND  
NEUROLOGICAL DISORDERS**

&

5<sup>TH</sup> GLOBAL SUMMIT ON  
**ADVANCES IN MENTAL  
HEALTH AND PSYCHIATRY:  
SCIENCE, CARE AND  
INOVATION**

JUNE 2027 | SINGAPORE

# Focusing on viral vectors

BrainCase is dedicated to leading the innovation of gene delivery tools and solutions



30+ Countries



30+ Serotypes



6000+ Projects

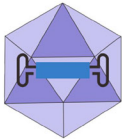


~10,000 Impact Factor

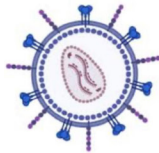


In Vivo Platform

## AAV Vector Platforms



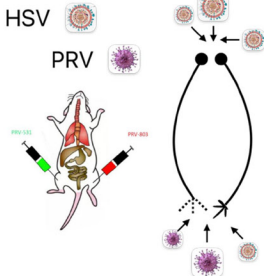
## Lentiviral Vector Systems



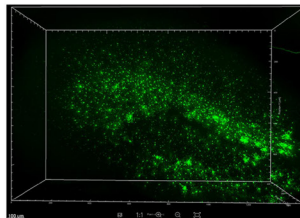
## Vector Cloning Service



## Neurotropic Virus Tools



## Microglia-Targeted Labeling Solutions



## Single-Neuron Sparse Labeling

