



# 5th Global Virtual Conference on Neuroscience, Brain Disorders and Therapeutics

## February 21-22, 2025

### Scientific Program

#### NEUROSCIENCE 2025

Virtual (Teams Meeting )

Time Zone: GMT+0 (London, UK)

February 21, 2025

Time:10:00AM

10:00-10:05

Opening Ceremony

Keynote Session

10:05-10:30

**Title: Using rotenone, a mitochondrial respiration inhibitor, to design a novel bipolar disorder-like phenotype with construct, face and predictive validity**

**Odeya Damri, Ben-Gurion University of the Negev, Israel**

10:30-10:55

**Title: Hierarchical Genomic Analysis of Susceptibility to Schizophrenia in Sudanese multi-case families**

**Azza saeed, University of Khartoum, Sudan**

Plenary Speaker Session

Session Details

Neurodegenerative diseases ||| Brain-computer interfaces and neural prosthetics |||| Neuropathological disorders |||| Diagnostics of neurological disorders |||| Neurotherapeutics ||| Neurogenetics |||

Chairperson

Odeya Damri, Ben-Gurion University of the Negev, Israel

Azza saeed, University of Khartoum, Sudan

10:55-11:20

**Title: Revolutionizing Medical Training: Evaluating the Impact of Virtual Reality on Skill Development and Patient Care**

**Kola Adegoke, University of Texas, Rio Grande Valley, Canada**

11:20-11:45

**Title: Identification of Family-Specific Features in Cas9 and Cas12 Proteins: A Machine Learning Approach Using Complete Protein Feature Spectrum**

**Sita Sirisha Madugula, University of North Texas Health Science Center, USA**

11:45-12:10

**Title: Beyond the Synapse: Unveiling CDKL5's emerging roles in autophagy and antiviral defense mechanisms**

**Josephine Thinwa, University of Texas Southwestern Medical Center, USA**

12:10-12:35

**Title: Assessment and Training of Perceptual-Motor Function: Performance of College Wrestlers Associated with History of Concussion**

12:35-13:00	<b>Gary B. Wilkerson, University of Tennessee at Chattanooga, USA</b>
	<b>Title: Long-term Methylphenidate Monotherapy for Parkinson's: Biochemistry Analysis and 17-year Case Study</b>
	<b>Title: Low dose Risperidone every 3.8 hours: Superior efficacy in treatment of Bipolar Disorders</b>
	<b>Robert W. Townsend, Private Mental Health Clinic, USA</b>
13:00-13:25	<b>Title: Higher neutrophil to lymphocyte ratio (NLR) predicts higher risk of progression in secondary acute myeloid leukemia</b>
	<b>Paulina Stefaniuk, Medical University of Lublin, Poland</b>
13:25-13:50	<b>Title: Quality and safety of proximity care centred on the person and their domiciliation: Systematic Literature Review</b>
	<b>Carlos Martins, Cova da Beira Group of Health Centers, Portugal</b>
13:50-14:15	<b>Title: Estimating the urinary energy lost by healthy adults due to the partial oxidation of proteins that they ingest</b>
	<b>L. Javier González-Ortiz, University Center of Exact Sciences and Engineering, Mexico</b>
14:15-14:40	<b>Title: A mathematical-numerical methodology to estimate the effectiveness profile characterizing new vaccines. Example case: COVID-19 vaccines administered to elderly Mexicans</b>
	<b>L. Javier González-Ortiz, University Center of Exact Sciences and Engineering, Mexico</b>
14:40-15:05	<b>Title: Genetic determinants of selected rare diseases</b>
	<b>Wioletta Wujcicka, Polish Mother's Memorial Hospital – Research Institute in Lodz, Poland</b>
15:05-15:30	<b>Title: Violence Incidents in Emergency Pediatric Hospital Units</b>
	<b>Presenting Author: Angeliki Liarigkoinou, University of West Attica, Greece</b>
	<b>Authors: Thomas Kaouras , Maria Katsikaveli , Vagia Ntaoula, Lamprini Papapostolou, Marina Pozatzidi</b>
15:30-15:55	<b>Title: Creativity and Decision Making in Giftedness</b>
	<b>Celia Josefina Rodríguez Cervantes, University of Guadalajara, Mexico</b>
15:55-16:20	<b>Title: The Clinical Findings, Pathogenic Variants, and Gene Therapy Qualifications Found in a Leber Congenital Amaurosis Phenotypic Spectrum Patient Cohort</b>
	<b>Richard Sather, University of Minnesota Medical School, Minneapolis, USA</b>
16:20-16:45	<b>Title: Examining External and Internal Acculturative Factors: Cuban-Born Women's Experience of Well-Being in the U.S</b>
	<b>Venera Bekteshi, University of Oklahoma, USA</b>
16:45-17:10	<b>Title: Assessment of Standard Surgical Excision Efficacy and Analysis of Recurrence-Associated Factors in 343 Cases of Nasal Basal Cell Carcinoma: A Single-Center Retrospective Study</b>
	<b>Karolina Baltrušaitytė, Lithuanian University of Health Sciences, Lithuania</b>
17:10-18:00	<b>Poster Presentation</b>

P001	<b>Title: Cerebral Benefits Correlated with Lactate Production through Electrical Muscle Stimulation in Rats</b>
	<b>Rémi Chaney, University of Burgundy Franche-Comté, France</b>
P002	<b>Title: Family members' perception of their needs in critical care units at a tertiary hospital in Malawi: A qualitative study</b>
	<b>Angellina Mankhamba Kalolo, Kamuzu University of Health Sciences (KUHeS), Malawi</b>
P003	<b>Title: Exploring the Factors behind Nurses' Decision to Leave Clinical Practice: Revealing Causes for Leaving and Approaches for Enhanced Retention</b>
	<b>Raeed Alanazi, King Saud University, Saudi Arabia</b>
P004	<b>Title: Exploring the Antidiabetic Potential of Lavandula stoechas: Mechanisms of Action and Implications</b>
	<b>Amal Elrherabi, Faculty of Sciences Mohammed First University, Morocco</b>

**END OF SESSION**

**Closing Ceremony**

**Researcher Meetings**

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