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4th International Conference on

Central Nervous System Disorders & Therapeutics

November 12-13, 2018
Edinburgh, Scotland



SCIENTIFIC PROGRAM

DAY 1
Monday, 12th November

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Central Nervous System Disorders	**Talks On: Clinical Neurology & Neuropsychiatry**
Addiction	Psychosis
Cerebral edema	Sleep disorders
Functional and structural disorders	Mood disorders
Fibromyalgia syndrome	Eating disorders

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Cerebral Disorders	**Talks On:** Neuronal Disorders
Cerebral hemorrhage	Brain Disorders
Cerebral Ischemia	Spinal Disorders
Cerebral embolism	Depression, Migraines and Headaches
Cerebral aneurysm	Attention Deficit Hyperactivity Disorder
Advanced Brain and Spine Treatment	Treatments and Therapies

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)

Young Researchers Forum

DAY 2
Tuesday, 13th November

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Cognitive Neurology | Brain Tumors & Neurosurgery | Spine Surgery & Spinal Disorders	**Talks On:** Neuroinfections & Neuroimmunological disorders | Neurochemical Transmission | Neurogenetics & Neurometabolic disorders
Methods of cognitive neuroscience	CNS Inflammation
Neurobehavioral and Cognitive Disorders	CNS–immune system interactions
Brain and Spinal surgery	Dopamine
Tumour and metastatis	Serotonin
Spinal Column Anatomy	Neurogenesis
Levels of Injury	Mechanisms of neurogenesis

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Neuro-oncology & CNS | Clinical Trials & Case Reports in CNS | CNS Biomarkers	**Talks On:** Neuroplasticity & Neurorehabilitation | Neuropharmaceutics | Perspective in Neuroscience and Neurology
Central Nervous System Cancers	Modular motor therapies
Neurobiology	Advances in neurorehabilitation fundamentals
Clinical development in MS, PD and AD	Neuro Immune Pharmacology
Biomarkers implication in clinical trials	Psychopharmacology
Cerebrospinal fluid biomarkers	Cognitive Neuroscience

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

Organizing Committee Members



Rodney Leacock

Palmetto Health-USC Medical Group

USA



Giuseppe Scalabrino

University of Milan,

Italy



Harish C. Pant

NINDS, National Institute of Health, USA



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Clinical and Research Institute of Urgent Pediatric Surgery and Trauma

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Walter Bini

ISLASS Middle East Chapter

UAE



Hanan Sheikh Ibrahim

Cleveland Clinic Abu Dhabi

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Nataliia O. Melnyk

Clinical and Research Institute of Urgent Pediatric Surgery and Trauma

Ukraine

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University of Nottingham, UK

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University of Colorado, USA

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Nippon Medical School, Japan

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Shanghai Jiao Tong University, China

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University of Miami, USA

Othman Ghribi
University of North Dakota, USA

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University of Maastricht, The Netherlands

Mustafa Nazıroğlu
Süleyman Demirel University, Turkey

Piotr Lewczuk
Universitatsklinikum Erlangen, Germany

Kerensa Broersen
University of Twente, The Netherlands

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Canadian Advocate for Epilepsy, Canada

Sanjoy Sanyal
Texila American University, Guyana

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Combat Brain Training Institute, USA

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Virginia Commonwealth University, USA

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Marc Borsotto
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Delia E Frederick
University of South Carolina Aiken, USA

Farhana Akter
University of Cambridge, UK

Emine Gercek
Adnan Menderes University, Turkey

Sultan Ozkan
Adnan Menderes Universit, Turkey

Wai Kwong Tang
The Chinese University of Hong Kong, China

Makarenko O M
Taras Shevchenko National University of Kyiv, Ukraine

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Biogen, USA

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Clalit Health Organization Services, Israel

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Priscilla Chukwueke
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Eleuterio F Toro
University of Trento, Italy

J Hemza
Saint Ann Faculty Hospital, Czech Republic

Michele Mishto
Charite-Universitatsmedizin Berlin, Germany

Mark S Kindy
Medical University of South Carolina, USA

David Allsop
Lancaster University, UK

Glimpses of Neurology Conferences

















Edinburgh Attractions



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4th International Conference on Central Nervous System Disorders & Therapeutics

NOVEMBER 12-13, 2018 EDINBURGH, SCOTLAND

AGENDA

TITLE: DISORDERS OF CENTRAL NERVOUS SYSTEM IN THE MICE OF DIFFERENT AGES AFTER INFLUENCE OF CUPRIZONE AND THEIR IMPROVEMENT BY CYTOKINE

Nataliia O. Melnyk

National O.O.Bogomolets Medical University, Kyiv, Ukraine

Nataliia O. Melnyk is the Professor of the Histology and Embryology Department of National O.O.Bogomolets Medical University, the Leading Research Scientist of the Experimental Modeling Laboratory at the State Institute of Genetic and Regenerative Medicine National Academy of Medical Sciences of Ukraine, Kyiv. During 2008- 2011, she worked as Deputy Head of the Department of Education and Methodology of the National O.O.Bogomolets Medical University. She has more than 270 scientific and methodological works, 5 patents of scientific research.

TITLE: IN INDIA, MISCONCEPTIONS ABOUT MENTAL ILLNESS ARE PERVASIVE, AND A SUBSTANTIAL NUMBER OF PATIENTS SUFFERING FROM SEVERE MENTAL DISORDERS SEEK NON-PROFESSIONAL CARE.

RAMESH KUMAR THUKRAL

Dakshi Diagnostic Services Pvt. Limited, India

Dr.Ramesh Kumar Thukral, has done MBBS and MD (Psychiatry) from K.G.M.U., Lucknow, INDIA. Further, he has done D.C.M.N. from Delhi, INDIA. He has been in the Practice of Neuropsychiatry in Omnicare House, B-20, Sec-A, Mahanagar, Lucknow since last 30 years and Consultant Neuropsychiatrist in 'Sahara Hospital'. He is the CEO in "Dakshi Diagnostic Services Pvt. Limited": A centre for 3D Brain SPECT for Human Behaviour, Vital Bioenergy & Soul Imaging. He has Approx. 38 Participation in international conferences of Neuropsychiatry, and behavioural sciences, covering almost all the major countries of the world.

TITLE: NEW OPPORTUNITIES IN PAEDIATRIC EPILEPSY SURGERY

Elaine Wyllie

Cleveland Clinic, USA

Dr. Elaine Wyllie is a neurologist in Cleveland, Ohio and is affiliated with multiple hospitals in the area, including Cleveland Clinic and Cleveland Clinic Children's Hospital for Rehabilitation. She received her medical degree from Indiana University School of Medicine and has been in practice for more than 20 years. Dr. Wyllie accepts several types of health insurance, listed below. She is one of 146 doctors at Cleveland Clinic and one of 10 at Cleveland Clinic Children's Hospital for Rehabilitation who specialize in Neurology.

SPEAKER SLOTS AVAILABLE

TITLE: PRE SAMMPRIS: A CASE RECURRENT CONVULSIVE SYNCOPE IN A PATIENT WITH BILATERAL CAROTID STENOSIS SECONDARY TO GIANT CELL ARTERITIS WITH COMPLETE RECOVERY AFTER ANGIOPLASTY

Mervat Wahba
University of Tennessee Health Science Center, USA

Dr. Mervat Wahba is a neurologist in Memphis, Tennessee and is affiliated with multiple hospitals in the area, including Baptist Memorial Hospital-Memphis and Methodist Hospitals of Memphis. She received her medical degree from Cairo University School of Medicine and has been in practice for more than 20 years. Dr. Wahba accepts several types of health insurance, listed below. She is one of 62 doctors at Baptist Memorial Hospital-Memphis and one of 52 at Methodist Hospitals of Memphis who specialize in Neurology.

TITLE: BENEFICIAL EFFECT OF ORAL SUPPLEMENTATION OF VIRGIN COCONUT OIL ON METHOTREXATE-INDUCED CEREBRAL NEUROTOXICITY AND INFLAMMATION IN RATS

Patrick M. Aja
Department of Biochemistry, Faculty of Science, Ebonyi State University, Abakaliki, Nigeria

Patrick Maduabuchi Aja is serving at an esteemed position in Lecturer in Biochemistry, Ebonyi State University, Abakaliki, Nigeria. He is the recipient of numerous awards for his expert research works in related fields. His research interests reflect in his wide range of publications in various national and international journals

TITLE: A CASE REPORT OF IDIOPATHIC HYPER EOSINOPHILIC SYNDROME (HES) IN A RHEUMATOID ARTHRITIS PATIENT

El-Hadary HF
Kasr El- Ainy, School of Medicine, Cairo University, Egypt

El-Hadary HF currently working at Kasr El- Ainy, School of Medicine, Cairo University, Egypt. She has published numerous research papers and articles in reputed journals and has various other achievements in the related studies. She has extended her valuable service towards the scientific community with her extensive research work

SPEAKER SLOTS AVAILABLE

TITLE: IGG4-RELATED DISEASE MIMICKING CHOLANGIOCARCINOMA

Heba Ahmed
ElKatib Hospital, Cairo, Egypt

Heba Ahmed is currently working at ElKatib Hospital, Cairo, Egypt. She has published numerous research papers and articles in reputed journals and has various other achievements in the related studies. She has extended her valuable service towards the scientific community with her extensive research work.

TITLE: COMPARATIVE STUDY OF PERCUTANEOUS PEDICLE SCREW FIXATION AFTER DIRECT DECOMPRESSION WITH ANTERIOR COLUMN RECONSTRUCTION FOR THORACOLUMBAR BURST FRACTURE

Ju-Hui Kim
Department of Neurosurgery, Chonnam National University Hospital & Medical School Gwangju, South Korea

Ju-Hui Kim is serving at an esteemed position in Department of Neurosurgery, Chonnam National University Hospital & Medical School Gwangju, South Korea. He is the recipient of numerous awards for his expert research works in related fields. His research interests reflect in his wide range of publications in various national and international journals

TITLE: COMPARATIVE STUDY OF PERCUTANEOUS PEDICLE SCREW FIXATION AFTER DIRECT DECOMPRESSION WITH ANTERIOR COLUMN RECONSTRUCTION FOR THORACOLUMBAR BURST FRACTURE

Seul-Kee Lee
Department of Neurosurgery, Chonnam National University Hospital & Medical School Gwangju, South Korea

Seul-Kee Lee is serving at an esteemed position in Department of Neurosurgery, Chonnam National University Hospital & Medical School Gwangju, South Korea. He is the recipient of numerous awards for his expert research works in related fields. His research interests reflect in his wide range of publications in various national and international journals

SPEAKER SLOTS AVAILABLE

TITLE: INCREASED MIR-21-3P IN INJURED BRAIN MICROVASCULAR ENDOTHELIAL CELLS FOLLOWING TRAUMATIC BRAIN INJURY AGGRAVATES BLOOD-BRAIN BARRIER DAMAGE BY PROMOTING INFLAMMATION AND APOPTOSIS THROUGH TARGETING MAT2B

Xintong Ge
Tianjin Medical University, China

Dr. Xintong Ge has completed his MD at the age of 26 years from Tianjin Medical University (China) and visiting scholar studies from Duke University School of Medicine. He is the principle investigator of a research group on traumatic brain injury and chronic traumatic encephalopathy. He has published more than 20 papers in reputed journals (including 7 first-author SCI articles with a total impact factor over 30), and has been serving as an editorial board member of repute.

TITLE: THE MEANING OF CENTRAL STABILITY FOR THE CO-ORDINATED MOVEMENT- THE PRELIMINARY REPORT

Anna Olczak
Rehabilitation Clinic, Military Institute of Medicine in Warsaw, Poland

Anna Olczak - The doctor n. kf. - The expert of motive rehabilitation - the law executes occupation of the physiotherapist of no. 2139 Doctor, the field of the science: about physical culture in the range of motive rehabilitation, year of conferment 2008 r., the title of the doctor's trial: „the Effectiveness of physiotherapy leaning on the elements of Metody McKenzie and PNF in the treatment of the disc disease of the lumbar section of the spine."

TITLE: THE ANALYSIS OF EXERCISES STABILISE THE TRUNK FOR THE CO-ORDINATED MOVEMENT OF THE UPPER LIMB - THE PRELIMINARY REPORT

Anna Olczak
Rehabilitation Clinic, Military Institute of Medicine in Warsaw, Poland

Anna Olczak - The doctor n. kf. - The expert of motive rehabilitation - the law executes occupation of the physiotherapist of no. 2139 Doctor, the field of the science: about physical culture in the range of motive rehabilitation, year of conferment 2008 r., the title of the doctor's trial: „the Effectiveness of physiotherapy leaning on the elements of Metody McKenzie and PNF in the treatment of the disc disease of the lumbar section of the spine."

SPEAKER SLOTS AVAILABLE

TITLE: THE ETIOLOGIC PROFILE OF SHOULDER PAIN AFTER STROKE

Drini DOBI

Service of Cerebrovascular Disorders
University Hospital Center "Mother Teresa", Tirana
ALBANIA

Dr. Drini DOBI was born in January 27th, 1969, and graduated as PhD in University of Tirana, Albania in 1992, and has done the specialization course in Neurology from 1994-1998 in University Hospital Centre "Mother Teresa", Tirana Albania. His Masters is in Rehabilitation in Parkinson Disease, in 2005 and PhD in Physical Rehabilitation after stroke in 2015. He is also the Member of EAN Scientific Pannel of Neurorehabilitation, Scientific Panel of neurotoxicology, and General Neurology

TITLE: CURRENT TRENDS AND FUTURE DIRECTIONS IN INTERVENTIONAL NEURORADIOLOGY PROCEDURES

Francesco Massari

University of Massachusetts
Worcester, MA, USA

Dr. Francesco Massari obtained his Medical Degree, Ph.D. and Master Degree at the University of Rome "Tor Vergata", Italy. He completed two fellowship programs in Diagnostic and Interventional Neuroradiology, respectively at the Medical University of South Carolina, Charleston, SC, USA and University of Massachusetts, Worcester, MA, USA. Since 2015 he is Assistant Professor of Radiology at the University of Massachusetts, Worcester, MA, USA. His research spans areas including the cerebrovascular pathology and spinal disease, and has published widely in these fields.

TITLE: MICROBIAL DYSBIOSIS AND PROBIOTIC TREATMENT IN A GENETIC MODEL OF AUTISM SPECTRUM DISORDERS

Laure Tabouy

Bar-Ilan University, France

After sustained his PhD in 2012 in molecular and cellular neuroscience and structural biology within the functional and adaptive biology unit of Paris Diderot-Paris 7 University, Dr. Laure Tabouy taught at the Faculty of Sciences in Franche-Comté University, then went for a post-doctorate in Israel, working on the role of the microbiome and the Gut-Brain axis in autism and the establishment of a probiotic treatment, in the Molecular and Behavioral Neuroscience laboratory of Dr. Evan Elliott, in the faculty of Medicine in the Galilee of the Bar-Ilan University. She continues to work in France at the Neuroscience Institute of Paris Saclay.

SPEAKER SLOTS AVAILABLE

TITLE: WHY NEUROREGENERATION IN CNS IS SLOW

Mehrnaz Moattari
Kharazmi University, Iran
Farahnaz Moattari
Persian Gulf University, Iran

Mehrnaz Moattari has completed his PhD at the age of 32 years from Kharazmi University. He has published 8 papers in reputed journals

TITLE: ASSOCIATION OF THE PRESENCE OF NEUROSPHERES WITH TREATMENT RESPONSE AND SURVIVAL RATE OF CHILDREN WITH ASTROCYTOMA

ENRIQUE LÓPEZ-AGUILAR
Brain Tumor Research Laboratory, Mexico

Enrique López-Aguilar currently working at Pediatric Hospital "Dr. Silvestre Frenk Freund" in Mexico. He has published numerous research papers and articles in reputed journals and has various other achievements in the related studies. He has extended his valuable service towards the scientific community with her extensive research work

TITLE: IMAGING PATHOLOGICAL ACTIVITIES OF HUMAN BRAIN TISSUE IN ORGANOTYPIC CULTURE

Etienne Savary
ICM (Brain and Spine Istitute, Paris France).
Human Brain Organotypic Sclices Culture

Etienne Savary has completed his PhD at the age of 28 years from Medical University Montpellier and performed postdoctoral studies at the Brain and Spine Institute (C.H.U. Pitié-Salpêtrière, Paris) from 2013 to 2017 in the cortex and epilepsy group directed by Richard Miles. His principal task has been to develop techniques to maintain and exploit organotypic cultures of human brain from patients with epileptic syndromes.

SPEAKER SLOTS AVAILABLE

TITLE: CROSSING THE BLOOD BRAIN BARRIER AT WILL – CONSIDERATION OF PH PULSING TO CONFRONT BRAIN TUMOURS

Flemming Rasmussen
Canada

Flemming H Rasmussen is a BEng + BSc with focus in cell biology including almost 6 years of graduate studies surrounding cancer at McGill. Flemming G Rasmussen graduated with a Bachelor of Martime Studies from Memorial University and is a career Canadian Naval Officer. Together this father/son team has developed this pH pulsing concept. Unpublished and preliminary proof of concept experiments from 2016 would be summarized in the oral presentation.

TITLE: WHAT IS TRAINED DEVELOPS! THEORETICAL PERSPECTIVE ON SKILL LEARNING

Hermundur Sigmundsson
Department of Psychology, Norwegian University of Science and Technology, 7491 Trondheim, Norway

Hermundur Sigmundsson is serving at an esteemed position in Department of Psychology, Norwegian University of Science and Technology, Norway. He is the recipient of numerous awards for his expert research works in related fields. His research interests reflect in his wide range of publications in various national and international journals

TITLE: VOICE IT OUT LOUD: VIEWING THE WORLD THROUGH AUTISTIC EYES USING ASSISTIVE TECHNOLOGY

Tamara C. McGill-Carter
Indiana University, Chicago, USA

Tamara (Tammi) McGill-Carter's expertise is in Neuro-anatomy and Neuroscience with a focus on the intricate workings of the Limbic and Memory systems. Tammi's expertise in neuro-anatomy further expanded while working with individuals with developmental disabilities/delays at several Home Health Agencies, which created several projects centering on how autism and developmental delays affect the brain. Tammi currently holds dual bachelor's degrees in Psychology from Indiana University Northwest in Gary and a Master's of Arts degree from the Chicago School of professional Psychology, the concentration focus being Trauma and Crisis Intervention

SPEAKER SLOTS AVAILABLE

TITLE: QUANTITATIVE ANALYSIS OF THE GOLGI IMPREGNATED HUMAN STRIATAL NEURONS: MORPHOLOGICAL DESCRIPTION HIGHLIGHTED THROUGH FUNCTIONAL DIVERSITY

Bojana Krstonosic

University of Novi Sad, Faculty of Medicine, Department of Anatomy, Serbia

Bojana Krstonosic has completed postdoctoral studies and her PhD at the University of Novi Sad, Faculty of Medicine, where is she currently working as an Assistant Professor at the Department of Anatomy. She is a Deputy to the Head of the Department of Anatomy, as well as Assistant to the Editor-in-Chief of the Journal Medical Review and, also, a treasurer of the Serbian Anatomical Society of Serbia. She is a member of several national and international associations of anatomists. Her scientific field is neuroanatomy and she is an author of papers which are published in reputed national and international journals

TITLE: WHERE THERE IS NO BRAIN IMAGING: SAFETY AND DIAGNOSTIC VALUE OF LUMBAR PUNCTURE IN PATIENTS WITH NEUROLOGICAL DISORDERS IN A RURAL HOSPITAL OF CENTRAL AFRICA

Deby MUKENDI

University of Kinshasa, DRC

Deby MUKENDI graduated from kinshasa university in medicine in 2005 and has specialized in neuropsychiatry where he completed his honors degree specialization. Since 2011, he has been involved in tropical medicine research with the Antwerp Institute of Tropical Medicine and the global health institute of the University of Antwerp. He is an expert in preparedness, readiness and rispond against Ebola Virus Disease. He is author and co-author of several scientific articles.

Title: Subject

Name

Affiliation

Biography

SPEAKER SLOTS AVAILABLE