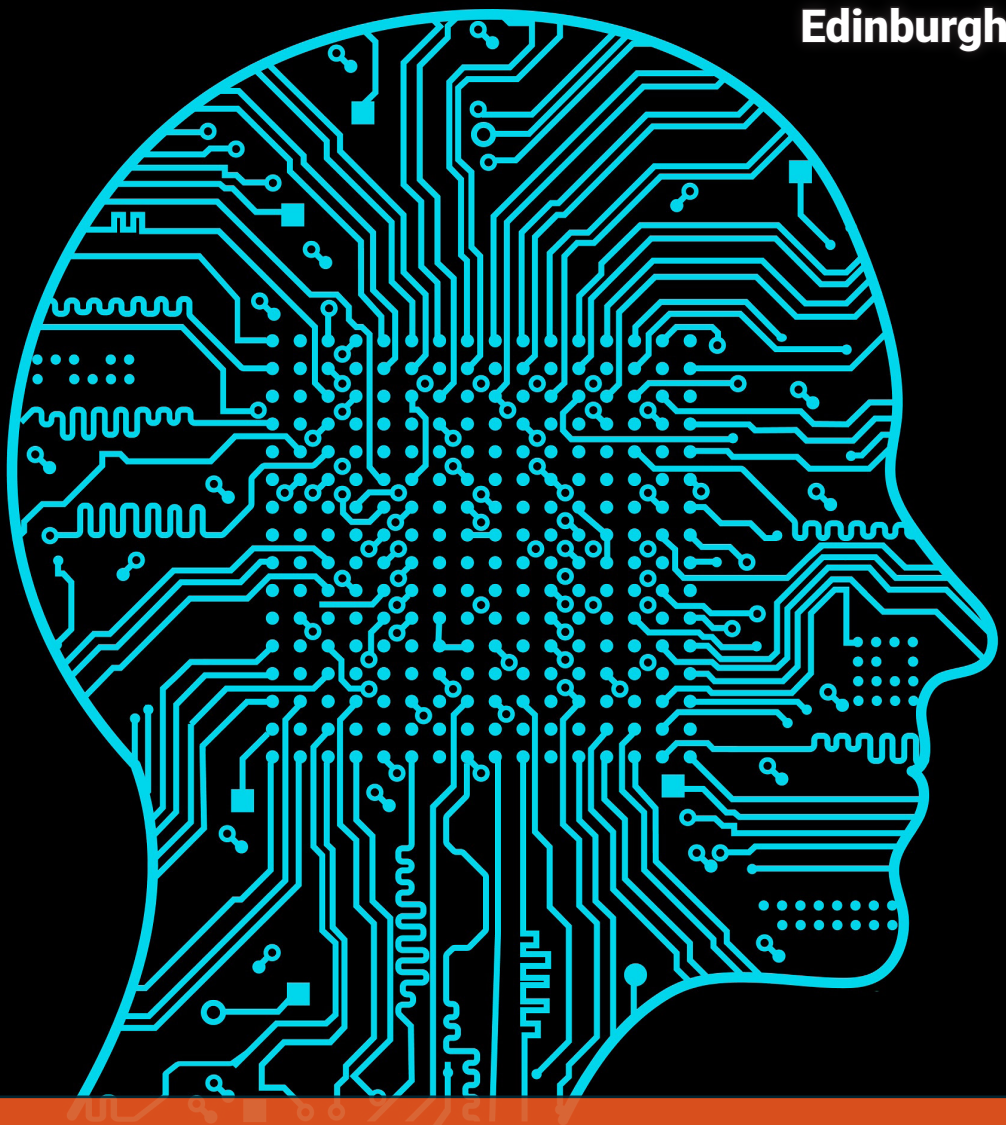
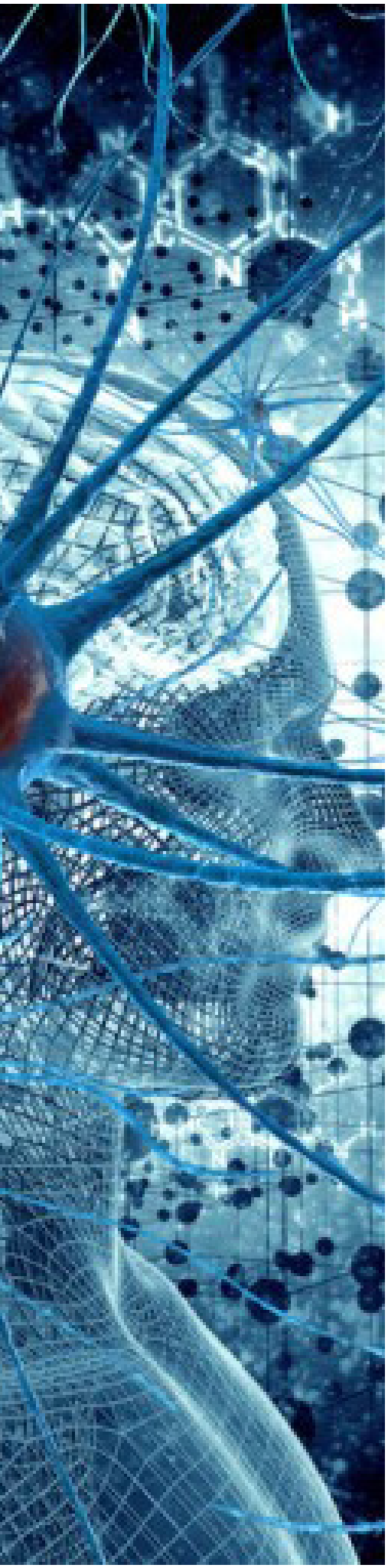
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24TH INTERNATIONAL CONFERENCE ON NEUROSURGERY AND NEUROSCIENCE

March 18-19, 2019
Edinburgh, Scotland



SCIENTIFIC PROGRAM



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24th International Conference on

NEUROSURGERY AND NEUROSCIENCE

Dear colleague,

We are glad to announce the 24th International Conference on Neurosurgery and Neuroscience which is to be held in March 18-19, 2019 Edinburgh, Scotland organized by Conference Series LLC Ltd in collaboration with generous support and cooperation from enthusiastic academicians and editorial Board Members.

This conference is a unique international platform that's a confluence of all Neurology, Neuroscience, Psychiatry and Nursing Departments from Academia, Researchers, innovator, Regulators – coming together to present and discuss current topics in Heart Failure and Brain Health, Brain Hemorrhage, Alzheimer's and Dementia, Neuroscience and Neuroimaging, Neurophysiology and Neuromodulators, Neurological Disorders and Neuroanesthetic, Clinical Trials in Neurology and will be available to discuss with you the latest issues and trends in Overcoming Milestones towards Neurology and Neuroscience under the theme "Unravel the intriguing conception on Neurosurgery and Neuroscience". As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts.

Life is full of give and take. Make it count in your professional life. Attend the Neurosurgery and Neuroscience Conference to network with your peers, exchange expertise and experiences, and arm yourself with the latest information to take your department to the next level.

We look forward to personally welcoming you to Edinburgh, Scotland.

Sincerely,
Neurosurgery 2019
Organizing Committee

DAY 1
Monday, 18th March

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

09:30-10:00 **Introduction**

10:00-10:20 COFFEE BREAK

10:20-12:30 Meeting Hall 01 **KEYNOTE LECTURES**

MEETING HALL 01

12:30-12:50 **Talks On:**

- Neurosurgery
- Neuro physiology

12:50-13:00 GROUP PHOTO

13:00-14:00 LUNCH BREAK

MEETING HALL 01

14:00-16:00 **Talks On:**

- Central Nervous System
- Spinal Surgery
- Neuropathic Pain
- Molecular imaging by mass spectrometry
- Neurology Nursing
- Neurosurgical advances

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Proteomics and Molecular Medicine	Workshop

DAY 2
Tuesday, 19th March

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

10:30-10:50 COFFEE BREAK

MEETING HALL 01

10:50-12:50 **Talks On:**

- Nerve Injury
- CNS Biomarkers
- Neuro-oncology biomarkers
- Neuronal diagnostics for infectious disease

12:50-13:35 LUNCH BREAK

MEETING HALL 01

13:35-15:55 **Talks On:**

- Advance Surgical Instrumentation
- Brain Tumor
- Neuroplasticity & Neurorehabilitation
- Cerebral Disorders
- Neuropharmaceutics
- Spine Surgery & Spinal Disorders
- Neurochemical Transmission

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
of Previous Conference



Roberto Cartolari
Senior Radiologist at the Radiology Service
S. Giovanni Hospital
Switzerland



Radu Mutihac
Chair of Medical Physics
University of Bucharest
Romania



Yacov Rofé
Bar-Ilan University
Ramat Gan, Israel



Andronachi Victor
State Medical and Pharmaceutical University
Chisinau, Moldova.



Zlatko Ercegovic
University of Tuzla
Bosnia and Herzegovina



Ammar Mallouhi
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Yingxu Wang
University of Calgary,
Canada



Alaa A Abd-Elsayed
University of Wisconsin
USA



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ISLASS
Middle East



Rajendra D Badgaiyan
Richmond University Medical Center, New York



Ahmed Ammar
Dammam University
Saudi Arabia



Hugues Duffau
Montpellier University
Medical Center, France



Joanne Azulay
Robert Wood Johnson Medical School/ Rutgers University, USA



Kenneth Blum
University of Florida
USA

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24th International Conference on Neurosurgery and Neuroscience

March 18-19, 2019 Edinburgh, Scotland

AGENDA

Title: Strategies to prevent or delay Alzheimer's disease

Edward Zamrini
Banner Sun Health Research Institute, USA

Edward Zamrini is Professor of Neurology at the University Of Utah School Of Medicine, where he served as Director of the clinical trials program at the Center for Alzheimer's Care, Imaging and Research (CACIR) from 2006-2011. Zamrini is also a member of the University's Center on Aging and a Scientist in the University of Utah Brain Institute.

Title: Ketogenic diet and ketosis as therapeutic approach for a wide range of diseases

Raffaele Pilla
St. John of God Hospital
Benevento, Italy

Raffaele Pilla received his Master's degree in Pharmacy at D'Annunzio University in Chieti, Italy in 2005, where he also served internships at the Cell Physiology and Molecular Biology Laboratories. He received his Doctor Europaeus in 2010 at Pitié-Salpétrière Institute in Paris, France. In 2010, he achieved his Ph.D. in Biochemistry, Physiology, and Pathology of Muscle at D'Annunzio University in Chieti, Italy.

Title: Glioblastoma and the surgical microscope

Alexandrina Nikova
Democritus University of Thrace, Greece

Alexandrina Nikova is a neurosurgical resident at Metaxa Cancer Hospital, Athens Greece. She is the mentor of fundamental neuroscience for neuroimaging by Johns Hopkins. She is mentor of social psychology for Wesleyan university and member of the medical association of Greece and Switzerland.

SPEAKER SLOTS AVAILABLE

Title: Differences between the anaesthetic state and natural sleep

Chandni Nigam
Imperial College, London

Chandni Nigam has graduated from Imperial College London and is pursuing Ophthalmology as a specialty in the UK. She holds the position of President of the Imperial College Ophthalmology Society, which was set up to enhance undergraduate ophthalmology education and promote the field to undergraduates as a career. She is a published author of peer-reviewed articles.

Title: A challenge in managing posterior fossa cyst with hydrocephalus: A Case report

Jacintha Vikeneswary Francis
Ministry Of Health Malaysia, Malaysia

She is presently the Neurosurgeon, Ministry Of Health Malaysia, Hospital Sultanah Aminah Johor bahru, Malaysia since June 2016.In Hospital Kuala Lumpur and Hospital queen Elizabeth Kota kinabalu Sabah served as neurosurgical medical officer starting from November 2006 till 2012. She attended several Conferences and was Chairman for few.

Title: Management of traumatic unstable Dorsolumbar spine injuries with transpedicular screw and rod fixation: our institutional experiences of 59 cases

Tofael Hossain Bhuiyan
Medical College Hospital Rangpur, Bangladesh

Tofael Hossain Bhuiyan is a senior Neurosurgeon of international repute with excellent management skills. He has over 19 years of experience in treating complex Brain and Spine problems like brain tumours, spinal disc prolapsed, brain stroke, and subdural hematoma, spinal deformity with a special interest in childhood neurosurgical problems like hydrocephalus and spinal birth defects.

SPEAKER SLOTS AVAILABLE

Title: Cervical perimedullary AVF with feeding artery aneurysm - endovascular treatment with review of literature

Rahul Srinivasan

Medical Trust Hospital, India

Rahul Srinivasan is pre final resident in Neurosurgery department at Medical Trust Hospital Kochi, Kerala. He is also member of Cochin neurological society and neurological society of India. He has co-authored various articles in field of neurotrauma. Last article related to ICP monitoring was published in Acta Neurochirugica in 2018. During his post-graduation he has assisted multiple cranial, spinal surgeries and endovascular procedure. He has won best poster award at PULSUS Conference at Singapore conducted in September 2018.

Title: Cerebral venous thrombosis presented as space occupying lesion; a case report

Jacintha Vikeneswary Francis

Ministry Of Health Malaysia, Malaysia

She is presently the Neurosurgeon, Ministry Of Health Malaysia, Hospital Sultanah Aminah Johor bahru, Malaysia since June 2016.In Hospital Kuala Lumpur and Hospital queen Elizabeth Kota kinabalu Sabah served as neurosurgical medical officer starting from November 2006 till 2012. She attended several Conferences and was Chairman for few.

Title: Rare case of Intracranial parenchymal cyst, calcification and leukoencephalopathy: LabruneSyndrome

Shashank Sangoli

Anantapuri Hospital and Research Institute, India

Shashank Sangoli is presently a Junior Consultant at Anantapuri Hospital and Research Institute. He is also a member of Cochin Neurological Society and Neurological Society of India. He has expertise in cranial and spinal surgery and is interested in neuro-endovascular interventions.

SPEAKER SLOTS AVAILABLE

Title: Direct evidence of viral infection and mitochondrial alterations in the brain of fetuses at high risk for schizophrenia

Segundo Mesa Castillo

Psychiatric Hospital of Havana, Cuba

Segundo Mesa Castillo is a specialist in Neurology; he worked for 10 years in the Institute of Neurology of Havana, Cuba. He has worked in Electron Microscopic Studies on Schizophrenia for 32 years. He was awarded with the International Price of the Stanley Foundation Award Program and for the Professional Committee to work as a fellowship position in the Laboratory of the Central Nervous System Studies for a period of 6 months.

Title: Do we really choose our spine surgeon?

Alexandrina Nikova

Democritus University of Thrace, Greece

Alexandrina Nikova is a neurosurgical resident at Metaxa Cancer Hospital, Athens Greece. She is the mentor of fundamental neuroscience for neuroimaging by Johns Hopkins. She is mentor of social psychology for Wesleyan university and member of the medical association of Greece and Switzerland.

Title: Transient subcortical functional connectivity upon emergence from propofol sedation in human: Evidence for active reanimation?

Yulia Lerner

Tel Aviv University, Israel

Yulia Lerner has completed her PhD at the Weizmann Institute of Science in 2004 and performed the postdoctoral research at the Princeton University. Since 2011 she is a PI at the Tel Aviv Sourasky Medical Center. The lab focuses on study neural activity undergoing complex real-life events.

SPEAKER SLOTS AVAILABLE

Title: Vesicular zinc depletion by acamprosate reduces traumatic brain injury-induced hippocampal neuron death

Samir Irfan Wasi
Liaquat National Hospital, Pakistan

Samir Irfan Wasi is Resident in Neurosurgery Department at Liaquat National Hospital, Karachi, Pakistan. He graduated from Baqai Medical University in 2014 and did his MRCSEd in 2017. He has been in neurosurgical residency training since 2015 and is currently R4 Resident in Liaquat National Hospital. He has published 3 research papers till date.

Title: The effects of crocin on allodynia- and anxiety-induced by nerve injury and its interaction with α1 and 2-adrenoceptors in the anterior cingulate cortex

Mohammad Reza Zohrehvand
Baqiyatallah University of Medical Sciences, Iran

Mohammad Reza Zohrehvand is currently working as a Students Research Committee in the Baqiyatallah University of Medical Sciences, Tehran, Iran.

Title: Surgical Management of Encephalocoele in tertiary care centre: Case series

Venkata Satya Raman Bhavana
Andhra Medical College, India

Venkata Satya Raman Bhavana currently working in Andhra Medical College, Vishakhapatnam, India.

SPEAKER SLOTS AVAILABLE

Neurosurgery **Glimpses**





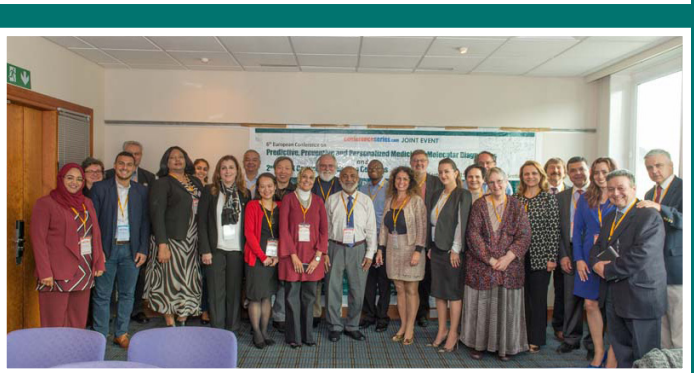
















Edinburgh Attractions





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