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4th International conference on

Epilepsy and Treatment

August 29-30, 2018

Zurich, Switzerland



SCIENTIFIC PROGRAM

DAY 1
Wednesday, 29th August

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**

Talks On:

- Epilepsy
- Causes of Epilepsy
- Semiology & Pathophysiology of Epilepsy

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00 **MEETING HALL 01**

Talks On:

- Epilepsy in Women & Inborn
- Epilepsy in Gender & Age
- Major Types of Epilepsy
- Complications of Epilepsy

16:00-16:20 COFFEE BREAK

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

Cognitive Disorders of Epilepsy

DAY 2
Thursday, 30th August

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

10:30-10:50 COFFEE BREAK

MEETING HALL 01

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

- Prevention and Management of Epilepsy
- Advanced Epilepsy Diagnosis Assessment
- Impact of Epilepsy on Daily life
- Diseases Associated with Epilepsy
- Epilepsy Therapeutics

12:50-13:35 LUNCH BREAK

MEETING HALL 01

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

- Epilepsy Imitators
- Epilepsy Case Reports
- Animal Mode Epilepsy

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)

Poster Presentations

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4th International Conference on

Epilepsy and Treatment

August 29-30, 2018| Zurich, Switzerland

An Awareness Over Radical Approach on Epilepsy

Title: Workshop on Epilepsy Diagnosis from Individual Seizure to Seizure Emergencies

Joseph I. Sirven
Mayo Clinic, Arizona,
USA

Dr. Joseph Sirven completed his undergraduate BS degree at Georgetown University in biology followed by an M.D. degree at the Louisiana State University in New Orleans, Louisiana. He completed a neurology residency at the University of Minnesota and a clinical neurophysiology in epilepsy EEG fellowship at the University of Pennsylvania.

Title: A Disrupted Blood Brain Barrier May Allow Potentially New Epileptic Treatments

Dr. Alain L. Fymat

International Institute of Medicine & Science,

U.S.A.

Dr. Alain L. Fymat is a medical-physical scientist and an educator who was educated at the Universities of Bordeaux and Paris-Sorbonne, France, and the University of California at Los Angeles. He is the current President/CEO and Professor at the International Institute of Medicine & Science. He was formerly Professor of Radiology, Radiological Sciences, Radiation Medicine (Oncology), Critical Care Medicine, and Physics at several U.S. and European Universities.

Title: Epilepsy Wellness: Beyond Diagnosis, Beyond Therapy

Dr. Ramon Bautista
University of Florida
HSC Jacksonville,

USA

Dr. Bautista is Professor and Associate Chairman of Neurology at the University of Florida Health Sciences Center Jacksonville where he is also Director of the Comprehensive Epilepsy Program. He is a graduate from the University of the Philippines and completed his post graduate training in Washington University St. Louis, Emory University, and Yale University. He has published extensively in peer reviewed journals and edited the book, Epilepsy: A Century of Discovery.

SPEAKER SLOTS AVAILABLE

Title: Automatic detection of epileptic discharges in long EEG recordings

Alaa Eldeen Mahmoud Helal Helal

Helwan University, Cairo-Egypt

Dr.Alaa Eldeen Mahmoud Helal Helal has completed his Master's degree "MSc" from Cairo University and doctoral studies from Helwan University Faculty of Engineering. He has published many papers in reputed journals. In general, he is interested in Biomedical Engineering especially in Bio signal processing. In his "MSc" he has designed and implemented a smart medical device based on Electrical Nerve Stimulation to treat the Drop Foot disease using the Functional Electrical Stimulation (FES).

Title: Neuropsychological assessment for Epilepsy Patients

AMAL MOHAMMED ALBLUWI

Prince Mohammed Bin Abdul-Aziz Hospital, Riyadh-KSA

Mrs.Albluwi has completed her Master of Science in Human Cognitive Neuropsychology at the age of 30 years from **The University of Edinburgh**. She was working with epilepsy team in National Guard Hospital for six years, got training with neuropsychologist form John Hopkins University on WADA test, and attended with neuropsychologist who is doing WADA at Oxford University.

Title: Neural tube Defects

Abraham Ratna Joseph Nayakanti

Avalon University School of Medicine, Curacao

Mr Abraham Ratna Joseph Nayakanti, Assistant Professor in the Human Structure and Function department, Avalon University School of Medicine, Curacao, is a PhD Scholar in the department of the field of Faculty of Medicine at Vinayaka Missions University and has completed his master's in medical Anatomy at SVIMS University, India and has more than 6 years of Teaching Experience in Various Medical Universities in India and abroad

SPEAKER SLOTS AVAILABLE

Title: Exploring the anti-seizure potential of selective PI3K inhibitor in zebrafish model of pentylenetetrazole induced seizure

Arindam Ghosh Mazumder
Pharmacology and Toxicology Laboratory, India

Arindam Ghosh Mazumder is a Senior Research Fellow, currently pursuing PhD from CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh, India. He was awarded DST-INSPIRE Fellowship for pursuing PhD, sponsored by the Department of Science and Technology (DST), Government of India (2013).

Title: Managing Epilepsy in Older People by Geriatricians: where are we today?

Divya Tiwari

Princess Royal University Hospital, Kings College Foundation Trust, Orpington, BR6 8ND

Divya Tiwari is consultant physician in Geriatric and General Medicine at The Royal Bournemouth Hospital Foundation Trust. She has special interest in old age neurology and movement disorders. She has established a new clinic in 'old age neurology' for speedy assessment of neurological problems in older adults.

Title: Effect of zinc / lipid / autophagy-mediated plasma membrane integrity signalling pathway on hippocampal regenerative mossy fibre sprouting induced by developmental seizures

Ni Hong

Pediatric clinical research institute, Soochow University,

China

Ni Hong, Ph.D., works in the Children's Hospital of Soochow University (China) as Pediatric Neurologist with main interest in Pediatric neurological rehabilitation, cerebral palsy and epilepsy since 1995. He is a professor and the lead of the Division of Brain Science, Institute of Pediatric Clinical Research, Soochow University. He has published more than 60 journal articles mainly with developmental neuroscience.

SPEAKER SLOTS AVAILABLE

Title: Semiology & Pathophysiology of Epilepsy

Hrayr Attarian
Northwestern University, USA.

Dr Attarian is currently a professor of neurology and medical director of sleep medicine and sleep fellowship at Northwestern University. He graduated with a MD in 1992 from American University of Beirut and completed residency in Neurology at Upstate Medical University in Syracuse and fellowships in epilepsy and sleep medicine at University of Rochester and Hennepin County Medical Center respectively. He has Published 70 peer reviewed papers, 20 chapters and three textbooks.

Title: The role of NMDA receptor/NO signaling in tolerance, dependence and convulsant effects of methadone on clonic seizure induced by pentylenetetrazole in mice

Soheil Kazemi Roodsari
Tehran University of Medical Sciences, Tehran, Iran.

Soheil Kazemi Roodsari has graduated in Physician doctorate at the age of 25(2016). he studied in golestan university of medical science and then he has jointed to pharmacology department of tehran medical university until now. he is interested in study about convulsion, stroke, dementia, Alzheimer and mood disorders

Title: Using cutting edge animal model to advance our understanding of intractable seizure in Tuberous Sclerosis Complex and Focal Cortical Dysplasia

Lawrence S. Hsieh

Yale University School of Medicine,

USA

Lawrence received his PhD in Neuroscience in 2012 from University of Connecticut School of Medicine and postdoctoral training from Yale School of Medicine. He is a recipient of the GRASS young investigator award, and a Vicky H. Whittemore awardee. He has published more than 13 papers in reputable journals, including Nature Neuroscience and Nature Communications.

SPEAKER SLOTS AVAILABLE

Title: Carbamazepine-related Antiepileptic Drugs: Are They All the Same?

Marketa Marvanova

North Dakota State University, USA

Marvanova serves as the Chair of the Pharmacy Practice Department and Associate Professor at North Dakota State University School of Pharmacy. She is a Board Certified Psychiatric Pharmacist and Geriatric Pharmacist. She has completed M.S.Pharm., Pharm.D. and Ph.D. (Pathological Neurobiochemistry) degrees from the Charles University (Czech Republic) as well as a Ph.D. (Neuropharmacology) from the University of Eastern Finland. She also completed a medical research fellowship in neuropharmacology at Vanderbilt University School of Medicine and a Parkinson's disease traineeship at Northwestern University.

Title: Role of the mTOR signaling pathway in Epilepsy specifically in eIF4ebp2 KO mice.

Dr. Rapita Naresh Sood

The Rosalind and Morris Goodman

Cancer Research center,

McGill University Montreal
Canada

Dr. Rapita Naresh Sood has completed her PhD from University of Haifa Israel and Presently doing her Postdoctoral studies from Goodman Cancer Research Center McGill University In the laboratory of Dr. Nahum Sonenberg. She has published 8 papers in reputed journals and has also received the Richard and Edith Strauss Fellowship which is a McGill Internal fellowship award for one Year. Also, my project on Epilepsy is giving me a new direction to Rescue the mTOR pathway which is a new perspective for future therapy of epilepsy

Title: Epilepsy Case Reports

MOHAMED HAMDY IBRAHIM

**AIN SHAMS UNIVERSITY
CAIRO, EGYPT**

Mohammed hamdy Ibrahim have been graduated from, FACULTY OF MEDICINE, AIN SHAMS UNIVERSITY, CAIRO, EGYPT.He joined the neuropsychiatry residency at Ain shams university Cairo, Egypt from 2001 till 2003, finished his MD in neurology and got his doctorate by 2008. He have been assigned as a lecturer of neurology and his main concern was in the field of NEUROVASCULAR INTERVENTIONAL RADIOLOGY.

SPEAKER SLOTS AVAILABLE

Title: Taeniosis/Neurocysticercosis Control as a Medical Problem

Zbigniew Pawlowski
Medical University of Poznan,
Poznan, Poland

Zbigniew Pawlowski is a Professor Emeritus of the Medical University in Poznan, Poland. He was a Chief of the Clinic of Parasitic and Tropical Medicine in Poznan (1970-1979 and 1987-1996) and an Organizer of the Intestinal Parasitic Infection Unit at World Health Organization in Geneva (1979-1986). He was active in several international parasitic and tropical medicine institutions (long term WHO expert, honorary member of several professional societies incl. American Society of Tropical Medicine and Hygiene).

Title: Neuropharmacological evaluation of *Caladium bicolor (*Araceae) Leaf extracts in rodents

Abigail Mebu Akhigbemen
University of Benin,
Nigeria.

Abigail Akhigbemen has completed her MSc from the University of Benin and is currently about to begin her Ph.D. She is a lecturer in the Department of Pharmacology &Toxicology, Facutly of Pharmacy, University of Benin, Nigeria

Title: Treatment-Resistant Epilepsy at Early Ages: Inexorable or Modifiable Outcome Feasible Management Algorithm.

Francisco Ruiz Miyares
Hospital Infantil Sur
Docente. Santiago de
Cuba

Dr. Francisco Javier Ruiz Miyares is a Neurologist with a varied range of interests within clinical neurology, mainly epilepsy of childhood onset.
Diverse aspects from teaching to research within a clinical praxis framework, encompass his goals including semiology-semiothecnia, neurophysiology, epidemiology with an exchange platform as a congress organizer, being the former Neurology Conferences, now NeuroSantiago events, a successful pathway of interaction amongst many neuroscientists from diverse part of the world. Master of Sciences in Infectology, Assistant Professor and Second Degree Specialist and Researcher, was CME coordinator of the World Federation of Neurology in the eastern part of the island more than 10 years.

SPEAKER SLOTS AVAILABLE

Title: Effectiveness of HD-tDCS in epileptic spikes, number of seizures and neuropsychological functions in epilepsy patients

Javad H. N. Roshan
Ferdowsi University of Mashhad.
Iran.

Javad H. N. Roshan has completed his MA in Cognitive Science from Ferdowsi University of Mashhad, Iran and now he studies Cognitive Neuroscience at PhD level at there. He has published one papers in ***Sizure***

Title: Pharmacogenomics and Epilepsy

Antonio Gambardella
Magna Graecia University
Italy

Antonio Gambardella is full professor of Neurology in the Department of Medical and Surgical Sciences, University Magna Graecia - Catanzaro, Italy. He is a clinical neurologist and clinical researcher with a special interest in establishing close research links with basic scientists. His group, together with molecular genetic collaborators in Italy, discovered in 2000 the beta2 nicotinic acetylcholine receptor gene for nocturnal frontal lobe epilepsy and subsequently has been involved in the discovery of other epilepsy genes

Title: Astrocytic Gap Junctions Contribute to Potassium Redistribution Over the Neocortex

Azin Ebrahim Amini
University of Toronto, Canada.

Azin Amini is a second year master student at university of Toronto in the department of Biomedical engineering within Neuroscience platform. Amini has completed her bachelor at university of Toronto where she double majored in neuroscience and physiology. Amini is interested in integrative sciences and this is why she continued her graduate studies in an engineering program after obtaining her bachelor degree in sciences. Her interest to multidisciplinary sciences motivated her to learn advanced programming software along with designing a new method for recording intracranial brain activities

SPEAKER SLOTS AVAILABLE

Title: Gaze-Evoked Nystagmus Associated with Lamotrigine Toxicity

Jiyeon Kim
Korea University College of Medicine.
South Korea.

Jiyeon Kim Is from Department of Neurology, Korea University College of Medicine, Korea University Ansan Hospital, Ansan, Korea

Title: The "Routine" Outpatient EEG: Fact- and Practice-Based Strategies for Increasing Its Yield

Elson L. So
Mayo Clinic,USA

Elson So, M.D., is a neurologist who specializes in adult epilepsy and EEG. His clinical focus includes:Epilepsy that has not been responsive to medications.Epilepsy surgery, especially when the MRI does not show an obvious source of seizures.Use of imaging test results to help find the location of seizure onset.Anti-epileptic medication treatment strategy for optimizing seizure control and minimizing drug side effects.Evaluation, counseling and management of first seizure occurrence.Stroke-related seizures and epilepsy.

Title: Epilepsy and Sleep Disorders

JOSEPH W ANDERSON

McGuire Veterans Medical Center,USA

JOSEPH W ANDERSONis a frequent international speaker and educator who is multi-credentialed in Sleep, Clinical Sleep Health Education, Respiratory Therapy, and Pulmonary Function. He continues to author numerous sleep and respiratory publications and texts. He developed the sleep industry's first digital interactive sleep education program, the industry's first podcast series, and the industry's first education app for both Apple and Android. He co-founded the world's oldest continuous non-brick and mortar sleep education company. Joe was in the Military Intelligence Division of the US Army. He also actively volunteers his time with the AAST, BRPT, and the American Sleep Apnea Association.

SPEAKER SLOTS AVAILABLE

Title: Children with epilepsy during school years: The necessity of parent – teacher cooperation and the doctor's role

Matina Kampra

University Hospital of North Midlands,UK

Matina Kampra is a Jurist, with MSc in Social Science and Health Research (University of Newcastle upon Tyne, UK) and a PhD from the National & Kapodistrian University of Athens, School of Medicine. She works at the Internal Unit of the Ministry of Health in Greece. Her publication refers to the discipline of epilepsy and education.

Title: ROLE OF ANOMALOUS MAGNETIC FIELDS IN EPILEPSY

Nikola Trifunović

Geophysicist,
Geoinstitute, Serbia

Nikola Trifunovic, RAS Academy member, graduated engineer of Geophysics
I was born in 1941, in a teacher's family in Beoce village by Raska, Serbia.
I attended primary school in Beoce, Kragujevac and Raska. Secondary Geology Technical School I completed in Belgrade. For over ten years I worked as a technician on exploration of nuclear and other mineral raw material from air, on ground and under ground, in mines. At the same time with working, I studied Mining-Geological Faculty, department for geophysics, in Belgrade. The work experience of 38 years, I had in a scientific institution, Geoinstitute in Belgrade, and I worked on designing and executing geophysical works on exploration of nuclear and other mineral raw material. I, also, worked on hydro-geological explorations.

Title: Epilepsy Spectrum Disorders in Psychiatry: an old-new concept

Nash N. Boutros

The Saint Luke's Marion Bloch Neuroscience Institute,USA.

Nash Boutros, MD is currently Director of the Memory and Behavioral Neurology/Neuropsychiatry clinics at the Saint Luke's Marion Bloch Neuroscience Institute in Kansas City, Missouri. He graduated from Cairo University College of medicine in 1974. He is board certified in both psychiatry and neurology and specializes in neuropsychiatric conditions. Dr. Boutros has published more than 210 peer reviewed papers in national and international journals in addition to 8 books and numerous book chapters. Dr. Boutros is considered to be the leading authority on the clinical utilization of electrophysiology in the practice of clinical psychiatry

SPEAKER SLOTS AVAILABLE

Title: Case Presentations: Sleep phenomena or seizures

Alcibiades J. Rodriguez
NYU School of Medicine,USA

Dr. Alcibiades J. Rodriguez obtained his medical degree from the University of Panama School of Medicine, Republic of Panama. He trained in neurology at Tuft University Neurology program, Boston, MA. He completed two fellowships, Clinical Neurophysiology/EEG track and Sleep Medicine at Mayo Clinic Rochester, MN. Dr. Rodriguez is the medical director of the NYU Sleep Disorders Center, treating people with epilepsy and sleep disorders using electroencephalography (EEG) and video-EEG monitoring. He is board certified in Neurology, Clinical neurophysiology, Epilepsy and Sleep Medicine.

Title: Disconnection procedures for the management of drug

Dr. Salah Hamada

Ain Shams University, EGYPT

Dr. Salah Hamada is an associate professor of neurosurgery , Ain Shams University , Egypt with special interest in Epilepsy and Brain tumor surgery. He has completed his PhD at the age of 33 years from Ain Shams University and postdoctoral workshops, courses and conferences in Epilepsy Surgery in USA, UK, Germany and Brno. He is the Ex-director of Department of neurosurgery, Ain Shams University.

Title: MANAGEMENT OF STATUS EPILEPTICUS IN NEUROSURGICAL PATIENTS

SUNIL KUMAR SINGH
KGMU, INDIA

Dr. Sunil Kumar Singh is an specialist in Endoscopic neurosurgery, spinal instrumentation, pediatric neurosurgery, Cranivertebral junction anomalies.

SPEAKER SLOTS AVAILABLE

Title: Neuroinflammation, Microglia and Mast Cells in the Pathophysiology of

Juan Sanchez-Ramos
University of South Florida, Tampa, USA

Dr. Sanchez-Ramos received a Ph.D. in Pharmacology and Physiology from the University of Chicago and a medical degree (M.D.) from the University of Illinois. He trained in Neurology at the University of Chicago and as a Fellow in Movement Disorders at the University of Miami. Currently, he is a Professor of Neurology at the University of South Florida in Tampa where he holds the Helen Ellis Endowed Chair for Parkinson's Disease Research and is Director of the HDSA Centre of Excellence for Huntington's Disease.

Title: **Characterization and development of a platform for the evaluation of nicotine analogues and medicinal plants derived compounds as selective drugs in Parkinsons**

Gjumrakch Aliev

President and CEO, USA

Dr. Gjumrakch Aliev, MD, PhD, President "GALLY" International Biomedical Research Institute Inc., San Antonio, Texas, USA. He also holds appointment with the University of Atlanta, Atlanta, Georgia, USA as a Professor of Cardiovascular, Neuropathology, Gerontology, Health Science and Healthcare Administration, and Leading Scientist in the Institute of Physiologically Active Compounds, Russian Academy of Sciences.

Title: **Effect of Fig fruits on experimental Parkinson's disease**

Musthafa Mohamed

Sultan Qaboos University, Oman

Dr. M. Mohamed Essa, Ph.D., is an Associate Professor of Nutrition at Sultan Qaboos University, Oman and holding visiting A/Prof position in Neuropharmacology group, ASAM, Macquarie University, Sydney, Australia. He did his PhD is Annamalai University in India in Biochemistry specialized in Neuropharmacology. Then he moved to USA to get training in Neurosciences in NY State Institute for Basic Research, Staten Island, NY, USA and further moved to Oman. He is a permanent resident of United Sates of America. He is an editor-in-chief for International Journal of Nutrition, Pharmacology, Neurological Diseases published by Wolters & Kluwer, USA and an involved in editor/reviewer board of various well-known journals such as Frontiers in Bioscience and Neuroscience, Biochemie, PLOS one, etc.

SPEAKER SLOTS AVAILABLE

Title: Interpersonal Psychotherapy

Ivandro Soares Monteiro

Academy of Interpersonal Psychotherapy, Portugal

Clinical Psychologist and Certified Interpersonal Psychotherapy Psychotherapist (by the Interpersonal Psychotherapy Institute and recognized by the International Society for Interpersonal Psychotherapy) - Expert in Clinical Psychology & Organizational Psychology (Portuguese Psychologists Association) - M.Sc. Cognitive Sciences & PhD in Clinical Psychology (University of Minho, PT) - Founder & Director of the EME Health Clinic (www.emesaude.pt) – Founder and Director of the Academy of Interpersonal Psychotherapy - University Visitor Professor (ICBAS – Instituto de Ciências Biomédicas Salazar, Univ. Porto, PT)

Title: Emerging Approach Against Parkinson Disease

Atul Kabra

IKG Punjab Technical University, Kapurthala, Punjab, India

Mr. Atul Kabra, Masters in Pharmacology and Persuing Pd.D. in Pharmacology from Punjab Technical University, Jalandhar, Punjab, India. Presently i am working as an Aooscite Professor in the Depart,emnt of Pharmacology, Kota College of Pharmacy, Kota, Rajasthan, India. I have published 4 books and 18 research nd review article in various repuated journals. I am serving as editorial board memeber in various journals as well as i am members of Society of Ethnopharmacology of India.

Title: Steering Stimulation And Diretional Leads, A Recent Reliable Concepts To Improve Follow-Up In Implanted Patients. A Preliminary Experience

Stanislao D'Auria
Santa Maria della Misericordia in Udine, Italy

Dr. Stanislao D'Auria graduated in Medicine in 2003 at the age of 25 y. and took specialization in Neurosurgery in 2008 has completed from Second University of Naples, School of Medicine. Since 2008 he worl as Neurosurgeon at Department of Neuroscience of Santa Maria della Misericordia in Udine, Italy, Field s of interests are Functional Neurosurgery and Neuromodulation, Neuro-oncology, neurovascular. He has published more than 8 papers in reputed journals and has been involved ad relator in many international congresses.

SPEAKER SLOTS AVAILABLE

Title: Mechanism Of Action And Extent Of Selective Dopaminergic Neurodegeneration Caused By Exposure To Trichloroethylene (TCE)

Guoying Bing

University of Kentucky, USA

Dr. Guoying Bing has completed his PhD from University of Rochester School of Medicine in 1988 and postdoctoral studies from New York University in 1991. He is the Professor of Neuroscience University of Kentucky, College of Medicine. He has published more than 115 papers in reputed journals and has been serving as an editorial board member of 2 repute Journals

Title: The Kv7/KCNQ channel blocker XE991 protects nigral dopaminergic neurons in the 6-hydroxydopamine rat model of Parkinson's disease.

Junxia Xie

Medical College of Qingdao University, Qingdao

Junxia Xie has completed her PhD from Ocean University of China and postdoctoral studies from Institute of Physiology, Department of Neurology, University of Munich and Klinikum Großhardern, München. She is the director of Institute of Brain Science and Disease in Qingdao University. She has published more than 100 papers in reputed journals and has been serving as an editorial board member of repute.

Title: The effects of 6-OHDA on iron metabolism in astrocytes are mediated by hypoxia-inducible factors.

Jun Wang

Medical College of Qingdao University, Qingdao

China

Jun Wang has completed her PhD at the age of 30 years from Qingdao University and postdoctoral studies from University at Buffalo. She is a Professor of the department of physiology and pathophysiology in Qingdao University. She has published more than 30 papers in reputed journals.

SPEAKER SLOTS AVAILABLE

Title: Ghrelin enhances the excitability of nigral dopaminergic neurons by inhibition of A-type potassium channels

Limin Shi
Medical College of Qingdao University, Qingdao

China

Limin Shi has completed her PhD at the age of 29 years from Qingdao University. She is an associated Professor of the department of physiology and pathophysiology in Qingdao University. She has published more than 10 papers in reputed journals.

Title: Insulin resistance and Cholesterol dyshomeostasis involve α-Synuclein and Amyloid beta interactions in Neurodegenerative diseases

Ian James Martins

Edith Cowan University, Australia

Dr. Ian James Martins is an Editor/Reviewer for Open Access Pub/MDPI journals. Appointed as the Chief Editor for International Journal of Diabetes Research (2014-2018), Research and Reviews: Neuroscience (2016-2018) and Journal of Diabetes and Clinical Studies (2017-2018). BIT Member (BIT Congress. Inc). Scientist for Science Advisory Board (USA) and Academic with Academia.edu. *H-index* of 43, (ResearchGate STATs (23), Mendeley STATS (20). Scientific research citations accumulated to >3300. Lifetime Membership by International Agency for Standards and Ratings as Fellow. Winner (World Academic Championship -2017) in Diabetes and Medical Science (Nutrition). Conferred with the RICHARD KUHN RESEARCH AWARD-2015 ENDOCRINOLOGY AND METABOLISM.

Title: LIGHT MICROSCOPICAL EVALUATION OF ACUTE AND CHRONIC HYPOPHYSEAL ENDOCRINOPATHY PROCESS IN KAOLIN INDUCED HYDROCEPHALY MODEL. Kırklareli, TURKEY

Raziye Handan Nurhat
Lüleburgaz Government Hospital, Turkey

Dr.R.Handan Nurhat has completed his PhD at the age of 24 years from Ondokuz Mayıs University and postdoctoral studies from Ufuk University School of Medicine.Now she works as a neurosurgeon at the Lüleburgaz Government Hospital.

SPEAKER SLOTS AVAILABLE

Title: Validation of methods of working-memory training

Kazue Sawami

Nara Medical University, Japan

Kazue Sawami is a professor at Nara Medical University. Her Ph.D. acquisition is a health science, and the recent study is the prevention of dementia in elderly people. Research currently being developed is the intervention by artificial intelligence, and support of the elderly by the information equipment remote control system.

This research is a collaboration with the Japan Street Dance Studio Association. Video transmission of the developed method attempts bidirectional communication with the elderly.

Title: Neurodegenerative Disorder

Byung-Jun Park

Daejeon University & Young Jin Korean Medicine Clinic, South Korea

Dr. Byung-Jun Park completed his PhD and Korean Doctor in Medicine degrees at the College of Korean Medicine, Daejeon University, Daejeon, South Korea. He has opened a Young Jin Korean Medicine Clinic, and his clinical specialty has been the treatment of Parkinson's disease and movement disorders since 1995. He has published multiple papers on Parkinson's disease in reputable journals and is a member of the Movement Disorder Society. He was listed in the Marquis Who's Who in the World in 2017-2018.

Title: The effects of Tai Chi on well-being in Parkinson's disease: A synthesis of systematic reviews

Karina Karolina

Kedzior, Ilkay Kaplan

University of Bremen, Germany

Dr. Karina Karolina Kedzior is an Associate Professor of Research Methods in Psychology at the University of Bremen, Germany. Ilkay Kaplan is a 4th semester Bachelor of Psychology student at the University of Bremen, Germany.

SPEAKER SLOTS AVAILABLE

Title: Increased TRPC5 Glutathionylation Contributes to Striatal Neuron Loss in Huntington's Disease

Chansik Hong

Chosun University,

South Korea

Chansik Hong has completed his PhD at the age of 33 years from Seoul National University and postdoctoral studies from Seoul National University College of Medicine. He is an associate professor of Physiology Dept. at Chosun University Medicine School. He has published more than 25 papers regarding ion channels in reputed journals.

Title: Parkinson Disease: A Study of Public Awareness in Kuwait

Sana AlBustan

Kuwait University, Kuwait

Sana A. AlBustan is a young researcher in the Department of Communication Disorders Sciences, College of Life Sciences, Kuwait University. She earned her Ph.D. from the Department of Speech, Language and Hearing Sciences, College of Public Health and Health Professions, University of Florida. Her clinical internship and practicums were in Florida hospitals, public schools and private clinics. In May,2017, Dr. Albustan published "Kuwaiti Teachers' Perceptions of Voice Handicap" in the Journal of Voice. In December 2017, she published" Towards a Standard Arabic System Usability Scale: Psychometric Evaluation using Communication Disorder App" in the International Journal of Human–Computer Interaction.

Title: Niacin Attenuates Inflammatory Cytokine Upregulation in PD Mediated Through GPR109A

Chandramohan Wakade

University of Augusta, USA

The focus of his research include trauma to the nervous system and neural repair. His current collaborations with the Augusta University campus, spanning several colleges and departments, have allowed him to develop novel areas of clinical research. He has been engaged in the field of CNS injury and its amelioration for number of years. He has worked on various animal stroke models including MCAo, SAH and TBI models in rats and mice. His recent work focuses on studying role of inflammation in CNS injury and neurodegenerative diseases in patients.

SPEAKER SLOTS AVAILABLE

Title: Anesthetic Approach Of The Parkinson Disease: Drug Choices And Unexpected Scenarios

İlknur Suidiye Yorulmaz
Duzce University,
TURKEY

İlknur Suidiye YORULMAZ has completed her PhD at 1998 from Akdeniz University, TURKEY and postdoctoral studies from Duzce University School of Medicine. She has been working in Duzce University,Anesthesiology and Reanimation Departhment, Duzce, TURKEY as an Associate Professor since 2012. Her interests are neuroanesthesia, monitorisation techniques in anesthesia , obesity surgery anesthesia and geriatric anesthesia. She has published more than 20 papers in journals .

Title: Diagnosis and Treatment for Dystonia

Laurice Yang

Clinical Assistant Professor at Stanford University

Laurice Yang received her bachelor's degree in Molecular Cell Biology at the University of California in Berkeley. Subsequently, she earned a master's degree in Health Administration at the University of Southern California where she received the high honor as a Dean Merit Scholar. She went on to obtain her medical degree from the University of Vermont and completed her neurology residency at the University of Southern California where she was appointed Neuroscience Chief Resident and spent the year revamping the entire medical student/resident education curriculum. She completed her clinical training as a movement disorders fellow at the University of California in Los Angeles under Dr. Jeff Bronstein. Dr. Laurice Yang is a board-certified neurologist, specializing in the diagnosis of movement disorders including Parkinson's disease, atypical parkinsonian disorders, Essential Tremor, and Huntington's disease.

SPEAKER SLOTS AVAILABLE

Title: Iron chelation as a potential therapy for the treatment of Parkinson's disease

R.C.Hider
Institute of Pharmaceutical Science, King's College London

Robert is professor of medicinal chemistry at King's College London, where he has worked since 1987. Prior to this he was a lecturer in biological chemistry at Essex University. He has worked with siderophore-based iron uptake processes in microorganisms and the absorption of iron by mammalian cells. His work on membrane structure and transport mechanisms has led to the development of novel oral iron chelators for the treatment of iron overload. As a result, hydroxypyridinones have been identified as possessing potential for clinical application. Deferiprone is now used worldwide for the treatment of iron overload.

Title: Inhibiting sphingosine kinase 2 mitigates mutant huntingtin-induced neurodegeneration in neuron models of Huntington disease

Andrey S. Tsvetkov*Ain*
The University of Texas McGovern Medical School at Houston

Andrey Tsvetkov, PhD, is an assistant professor in the department of Neurobiology and Anatomy at McGovern Medical School, the University of Texas Health Science Center at Houston. Dr. Tsvetkov joined the department in 2013 after completing his postdoctoral training with Dr. Steven Finkbeiner at the University of California, the Gladstone Institute of Neurological Disease. He earned a PhD in physiology and biophysics from the University of Illinois at Chicago. He is a recipient of two awards from the Hereditary Disease Foundation for Huntington disease research.

Title: Rhes, a protein implicated in Huntington disease, promotes nanotubes and intercellular transport of mutant Huntingtin

Srinivasa Subramaniam
The Scripps Research Institute, Jupiter, Florida-33458

Neurodegenerative diseases are quickly becoming one of the most significant problems facing both the scientific community and the world at large. While our ability to provide symptomatic relief has increased over the past few decades, there are currently no therapies capable of modifying or halting disease progression. Our lab focuses on identification and characterization of signaling networks in neurodegenerative diseases with a goal of developing clinical therapeutics

SPEAKER SLOTS AVAILABLE

Title: Genetic modifiers of Parkinson's disease

Joanne Trinh

University of Luebeck

Germany

Parkinson disease (PD) was originally thought to be mainly caused by environmental factors and the heritability of late-onset disease based on twin estimates was negligible. However, results of genome-wide association, linkage studies and large-scale next-generation sequencing have shifted the focus to genetics. Pathogenic mutations in many genes have been identified although clinical features of mutation carriers are vastly distinct and some even remain asymptomatic, as exemplified by LRRK2 p.G2019S - the most common genetic cause of PD

Title: The Role of Oxidative Stress & Inflammation in Parkinson's disease: Current knowledge and future therapeutic strategies

Kambiz Hassanzadeh

EGYPT

Kambiz Hassanzadeh is associate professor & head of cellular and molecular research center at Kurdistan University of Medical Sciences. He teaches Pharmacology and neuroscience courses to medical and PhD students and doing researches in Neuroscience field with more than 60 publications. During recent years, he has been interested in doing research on molecular nature of neurodegenerative diseases, especially Parkinson's disease. He also researches on antioxidant agents on animal models of Parkinson's disease

Title: Neuromodulatory effect of Bacopa monnieri (Bramhi) in Parkinson's disease models: in-vivo and in-vitro evidences

Shivani Pandey

King George's Medical University, Lucknow, India

Parkinson's disease is a common neurodegenerative disease, characterized by selective death of dopaminergic neurons, thereby leading to cognitive and motor impairment. The disease has no absolute cure yet; all the therapeutic strategies involve prescription of dopamine agonist drugs which turn ineffective after prolonged use

SPEAKER SLOTS AVAILABLE

Title: A case of thyroid hemiagenesis diagnosed after essential tremor symptoms

Gülten Özdemir

Istanbul Physical Therapy Rehabilitation Training and Research Hospital

Turkey

Essential tremor(ET) is a neurological disorder causing involuntary rhythmic tremors (4-12 Hz) and mostly seen in adults with ages 40 or more. ET is a clinical diagnosis. Essential tremor(ET) is commonly seen ipsilaterally, worsens with movement and usually hands are involved initially. Physical and emotional stress, fatigue, low blood glucose level, alterations in temperature, caffeinated drinks may trigger the condition Essential tremor is not a life-threatening condition but if the symptoms are severe, it may decrease the quality of life. Thyroid hormone in mainly required for growth and the development of organs including brain and skeletal systems. Thyroid hemiagenesis(TH) is a rare, congenital disorder characterized by nondevelopment of a lobe of the thyroid gland

Title: VRK2 mRNA stability and Poly Q-huntingtin aggregation

Kim KT

Division of Biosciences & Biotechnology, Pohang University of Science and Technology

Korea

Misfolded proteins with abnormal polyglutamine (polyQ) expansion cause neurodegenerative disorders, including Huntington's disease (HD). Recently, it was found that polyQ aggregates accumulate due to vaccinia-related kinase 2 (VRK2)-mediated degradation of TCP-1 ring complex (TRiC)/Chaperonin-containing TCP-1 (CCT), which has an essential role in the prevention of polyQ protein aggregation and cytotoxicity

Title: Aggregation of CAG repeats in D.discoideum varies with the length of polyglutamine expansion and the expression of ubiquitin and autophagic pathway

MUKUL JAIN
School of Life Sciences, Jawaharlal Nehru University, New Delhi, India

A hallmark of CAG repeat disorder is the production of polyQ repeat that forms aggregates in the nucleus and cytoplasm of affected neurons. Proteins with longer polyQ repeats aggregate more rapidly and cause disease at an former age, but the mechanism of its degradation and its relationship to disease remain unclear

SPEAKER SLOTS AVAILABLE

Title: : Quercetin prevents the ischemic injury-induced decrease of thioredoxin expression in brain tissue

Phil-Ok Koh

Department of Anatomy, College of Veterinary Medicine, Research Institute of Life Science, Gyeongsang National University, Korea

Phil-Ok Koh has completed her PhD at the age of 28 years from Gyeongsang National University and postdoctoral studies from University of Maryland at Baltimore, USA. She is the professor of College of Veterinary Medicine, Gyeongsang National University. She has published more than 180 papers in reputed journals and has been serving as an editorial board member of repute.

Title: PARKINSONISM SECONDARY TO METASTATİC BRAIN TUMOR: A CASE REPORT

Semra Ari

Yunus Emre State Hospital, Turkey

Semra Ari has completed her PhD at the age of 25 years from Atatürk Üniversitiy and postdoctoral studies from Medeniyet Üniversitiy Training and Resouce Hopital .

Title: Clinical And Neuropsychological Study Of Natural Course Of Light Cognitive Failure, Alzheimer Disease And Parkinson Dementia

Selver Burcu Tellioğlu
Tarsus State Hospital
Neurology
Turkey

The Objective of this study is to examine the natural courses of Alzheimer cases free of any therapeutic procedure and with neuropsychological test series; to determine the transformation ratio of these cases to dementia and to examine the courses of clinical factors

SPEAKER SLOT AVAILABLE

Switzerland Attractions



Glimpses of Epilepsy Conferences













Glimpses of Epilepsy Conferences















