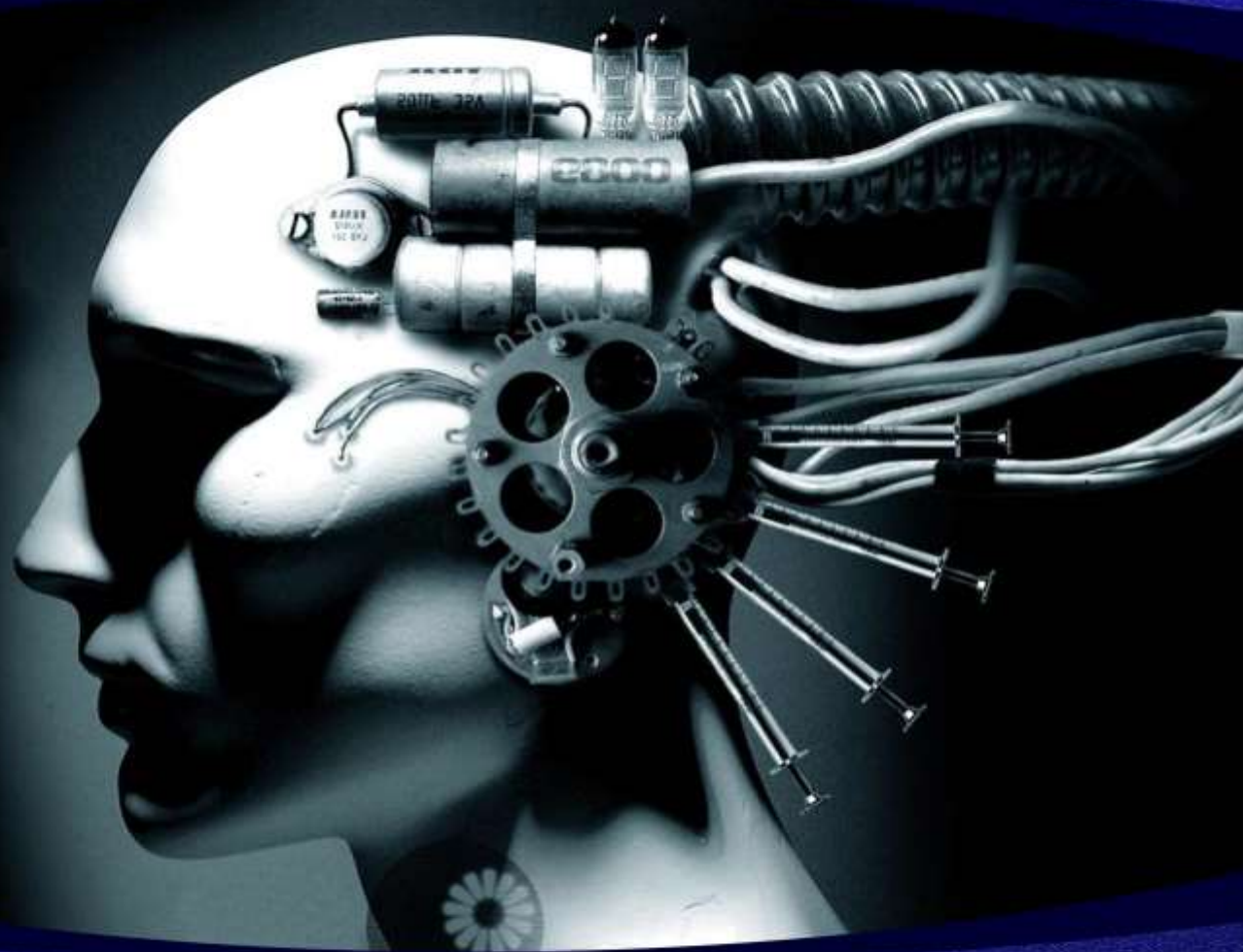



# Frontiers in Neurology & Neuroscience

AGENDA



December, 11<sup>th</sup>-12<sup>th</sup>, 2017  
Location: Online

LifeScienceEvents 



DESC

This event has [CPD accreditation](#)

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**This is a draft agenda  
The agenda will be finalised two weeks before the event**

## Day 1:

London GMT+1	New York EDT	Tokyo JST		
<b>First Session</b>				
09:55	04:55	18:55	<b>Session online</b>	<b>Speaker practice session Poster Viewing</b>
10:25	05:25	19:25	<b>Euroscicon Welcome</b>	<i>Euroscicon Host</i>
10:30	05:30	19:30	<b>A data-science and artificial intelligence based approach to find mismatch between awareness and prevalence of neurological diseases. Q and A</b>	<i>Dr Sukant Khurana, Scientist, Pharmacology division CSIR-Central Drug Research Institute, India</i>
11:00	06:00	20:00	<b>The Glymphatic mechanism: clearance impairment captured using contrast-enhanced MRI Q and A</b>	<i>Dr Niall Colgan, Lecturer, National University of Ireland Galway, Ireland</i>
11:30	06:30	20:30	<b>The intricate interaction between neuronal inflammation and degeneration Q and A</b>	<i>Dr Kerensa Broersen, Associate Professor, University of Twente, Netherlands</i>
12:00	07:00	21:00	<b>Session Break</b>	
12:45	07:45	21:45	<b>Non-motor symptoms of Parkinson's disease Q and A</b>	<i>Dr Abdul Qayyum Rana, MD, Director, Parkinson's Clinic of Eastern Toronto &amp; Movement Disorders Centre, Canada</i>
13:15	08:15	22:15	<b>Tumors of central nervous system Q and A</b>	<i>Professor Patricia Tai, Radiation Oncologist, University of Saskatchewan &amp; University of Hong Kong, Hong Kong</i>
13:45	08:45	22:45	<b>Neuralgic Amyotrophy-(recorded session) Q and A</b>	<i>Dr Mark A Ferrante, MD, Professor, Department of Neurology, Section Chief, Director, EMG Laboratory, University of Tennessee Health Science Centre, USA</i>
14:15	09:15	23:15	<b>The Genetics of Epilepsy Q and A</b>	<i>Dr Stephen Nelson, Section Chief, Pediatric Neurology, Associate Professor, Pediatrics, Neurology, Neurosurgery and Psychiatry, Tulane University, School of Medicine, USA</i>
14:45	09:45	23:45	<b>Closing remarks, End of Meeting</b>	

## ABOUT THE SPEAKERS:

**Stephen Nelson:** Stephen Nelson earned a BS in biology from California State Polytechnic University, Pomona, a PhD in Biomedical Sciences from UCR and an MD from UCSD. He then completed pediatrics residency at Wilford Hall Medical Center followed by pediatric neurology fellowship at Stanford University.

He then was chief of pediatric neurology at Keesler Air Force Base, followed by program director of the pediatric neurology fellowship and director of child neurology at USUHS. He has been Section Chief of Pediatric Neurology, and Associate Professor of Pediatrics, Neurology, Neurosurgery, and Psychiatry at Tulane University School of Medicine since 2014.

**Mark A. Ferrante :** Dr. Ferrante received his medical degree at the University of South Florida, completed a fellowship in EMG at The Cleveland Clinic Foundation and Neuromuscular Medicine fellowship at The Ohio State University. He is professor of neurology and neurophysiology fellowship co-director at UTHSC and section chief of neurophysiology at VAMC-Memphis. He has served on several AANEM committees, been an oral examiner and written examination question writer, authored numerous peer-reviewed articles, invited reviews, book chapters, and provided over 100 national and international courses for the AAN, AANEM, and other prestigious institutions.

**Thomas Nathaniel :** Dr. Nathaniel is an Associate Professor of Neuroscience at the University of South Carolina School of Medicine Greenville. His research focuses on clinical research in Stroke Neurology. His interest is in developing measures to improve the clinical diagnosis and treatment of acute ischemic stroke patients.

**Patricia Tai:** Prof. Patricia Tai is a clinical oncologist currently working in Allan Blair Cancer Centre, the first cancer Center established in Canada. She is professor in U. Saskatchewan and also honorary professor of University of Hong Kong, China. She has numerous publications on central nervous system tumours.

**A. Q. RANA:** Dr. Abdul Qayyum Rana is a Canadian neurologist who specializes in Parkinson's disease and Movement Disorders. After his neurology residency training, he completed a fellowship in Parkinson's disease and Movement disorders from the University of Ottawa, Canada. Dr. Rana is currently the Director of Parkinson's Clinic of Eastern

Toronto and Movement Disorders Centre in Toronto, Canada. Dr. Rana is the founder and former editor-in-chief of the Journal of Parkinsonism and Restless Legs Syndrome, published by Dove Press. Dr. Rana is also the founder of the World Parkinson's Program, a global organization dedicated to improving lives of those with Parkinson's disease. He has published extensively in the field of Neurology, Parkinson's disease and Movement disorders. Dr. Rana has been an invited speaker on Parkinson's disease and has conducted seminars on Parkinson's disease at international levels. Dr. Rana has been honoured with the Wayne Hening Award for his research on association on Parkinson's disease and RLS. Beside his BSc, MD, and FRCPC from the Royal College of Physicians of Canada, Dr. Rana has also been awarded an honorary FRCP of the Royal College of Physicians. He is listed in WHO IS WHO in the world and in the Leading Physicians of the World. He is the author of a series of educational brochures about Parkinson's disease which have been translated in more than 20 languages and are used in more than 50 countries around the world. Dr. Rana is author of several books including,

1. Neurological Emergencies in Clinical Practice
2. 50 Ways Parkinson's Could affect You.
3. An Aid to Neuro-ophthalmology
4. Natural Therapies for Parkinson's disease
5. Essential Tremor in Clinical Practice
6. Neurophysiology in Clinical Practice
7. Neuroradiology in clinical Practice
8. 99 Faces of Parkinson's disease.
9. Differential Diagnosis of Movement Disorders in Clinical Practice
10. Frequently asked Questions about Parkinson's disease
11. Rana Exercise Diary for Parkinson's
12. Dr. Rana served as Chief Editor for the book on Parkinson's disease, one of the top downloaded books by intech Web, an open access publisher, published in three volumes.
13. Dr. Rana also served as Chief Editor for the book Synopsis of Parkinson's disease, by intech Web, an open access publisher, published in three volumes.

**Sukant Khurana:** Dr. Sukant Khurana did his bachelors study in microbiology, followed by master's research under the guidance of noted biologist late Prof. Obaid Siddiqi at NCBS, developing new models of learning and memory. He then conducted Ph.D. studies in neurophysiology at UT Austin, working with Dr. Nace Golding and collaborating with Prof. John Rinzel for Computational work and Prof. Dane Chetkovich for molecular work. This was followed by postdoc with Prof. Nigel Atkinson at UT on large scale screens and postdoc

at CSHL with Prof. Yi Zhong on utilizing artificial intelligence in biomedical research. Running his own lab now, Dr. Khurana is recognized for developing novel drugs, integrating data science and AI approaches in biomedical research, developing new solutions for Parkinson's and of citizen science training more than 3000 students in short projects in addition to regular graduate education to select few.

**Kerensa Broersen:** Dr. Broersen completed her PhD degree on protein aggregation at Wageningen University in The Netherlands in 2005. After a postdoctoral study at the MRC-LMB in the UK, she joined the Free University of Brussels (VUB) in 2007. Here, she headed a research team that studied the molecular mechanisms of Alzheimer's disease. This led to the discovery of molecular pathways of a number of risk factors that affect Alzheimer's disease pathobiology. Subsequently, she joined the Nano-biophysics Group at the University of Twente/MIRA Institute in The Netherlands in 2011 as an assistant professor and since 2017 as an associate professor investigating further the impact of protein structures of human health with her team.

**Niall Colgan:** Dr. Niall Colgan is a lecturer in medical physics and a clinical medical physicist. His work has been applied in diagnostic imaging projects related to dementia, acquired brain injury, psychosis, neurological disorder, oncology, musculoskeletal and cardiac disease. His primary research focus is magnetic resonance imaging, particularly MR metabolite imaging and diffusion MRI however he also has active research programs in ionizing imaging, computational modeling/simulation, Microscopy, data mining, clinical instrumentation and tissue mechanics. He has led research teams in the area of preclinical imaging bio-markers and preclinical drug trials and has directed and established clinical imaging research facilities utilized in clinical research and trials. A particular interest is the development of imaging methods that will open up new possibilities for the diagnosis and evaluation of therapeutic efficacy.

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