

Report of 30th MSN ANNUAL SCIENTIFIC MEETING 2022



in conjunction
with the

10th MALAYSIAN PAEDIATRIC NEUROLOGY UPDATE MEETING

Theme: Evidence-based Neurology, Patient-based Learning

Congress:

1st- 3rd
October 2022

Royale Chulan Hotel
Kuala Lumpur

Pre-Congress Workshop:
30th September 2022

Organised By:

Post-Congress Workshop:
3rd October 2022



Malaysian Society of Neurosciences
Persatuan Neurosains Malaysia



CONVENOR

Associate Professor Dr. Tan Ai Huey

ORGANISING CO-CHAIRPERSONS

Associate Professor Dr. Rabani Remli

Dr. Ahmad Shahir bin Mawardi

SCIENTIFIC CO-CHAIRPERSONS

Dr. Shanthi Viswanathan (*Adult Neurology*)

Professor Dr. Fong Choong Yi (*CCNDP*)

Dr. Muhammad Zulfadli Mehat (*BNC*)

PRE-CONGRESS ORGANISING CHAIRPERSONS

Dr. Khoo Ching Soong (*Epilepsy Course*)

Dr. Ahmad Rithauddin (*Paediatric Epilepsy Workshop*)

Dr Ng Chen Fei (*Advanced NCS EMG Workshop*)

POST-CONGRESS ORGANISING CHAIRPERSON

Dr. Law Wan Chung

(*Neurology for General Physician and Trainees*)

SCIENTIFIC COMMITTEE

Associate Professor Dr. Tan Ai Huey

Associate Professor Dr. Muzaimi Mustapha

Dr. Subhashini Jayanath

Dr. Sanisah Abdul Halim

Dr. Hor Jyh Yung

FINANCE COMMITTEE

Dr. Anwar Norazit

Dr. Siti Rafidah bt Yusof

PARTICIPANTS

Main Congress Registration Number

Category	Number
MSN Member - Consultant	43
MSN Member - Medical Officers, Allied Health Professionals & BNC Members	169
MSN Member - Specialist / Trainee	93
Non-MSN Member – Consultant	10
Non-MSN Member - Medical Officers, Allied Health Professionals & Researchers & Scientist	152
Non-MSN Member - Specialist/ Trainee	69
Grand Total	536

Pre-Congress Workshop Registration Number

Pre-Congress Workshops	Number
MSN-ASEPA Epilepsy Workshop	66
Paediatric Epilepsy Masterclass	80
BNC Workshop : International Neuroinformatics Coordinating Facility (INCF) Resources for Neuroscience Research	11
Advanced NCS, EMG and Neuromuscular Ultrasound Workshop	47
Total	204

Post-Congress Workshop Registration Number

Post-Congress Workshop	Number
Localization in Clinical Neurology	156

Basic Neuroscience Chapter Pre-Congress Workshop



Assoc Prof Dr Ibrahima Faye
Universiti Teknologi Petronas

SPEAKER

Overview of the International Neuroinformatics Coordinating Facility (INCF)



Assoc Prof Dr Tang Tong Boon
Universiti Teknologi Petronas

SPEAKER

Functional near Infrared Spectroscopy (fNIRS) as an Alternative Neuroimaging Technique

Time	Programme
2.30pm-5.00pm	<p>Pre-congress Workshop: INCF Resources, FAIR principles and fNIRS human brain measurements</p> <p>Chairs: Assoc Prof Dr Michael Ling King Hwa Universiti Putra Malaysia</p> <p>Overview of the International Neuroinformatics Coordinating Facility (INCF) Assoc Prof Dr Ibrahima Faye, Universiti Teknologi Petronas</p> <p>Functional near Infrared Spectroscopy (fNIRS) as an Alternative Neuroimaging Technique Assoc Prof Dr Tang Tong Boon Universiti Teknologi Petronas</p>

PRE - CONGRESS WORKSHOP

CPD POINTS
AWARDED

Friday 30th September 2022
Hall A, Tamingsari 1 & 2, Level G

MSN-ASEPA Epilepsy

<p>SPEAKER</p>  <p>Emeritus Prof. Dato' Dr. Raymond Azman Ali Is It Epilepsy?</p>	<p>SPEAKER</p>  <p>Prof. Dr. Tan Hui Jan What Type of Epilepsy Is It?</p>	<p>SPEAKER</p>  <p>Dr. Sherrini Bazir Ahmada Choice, Initial and Maintenance Therapy</p>	<p>SPEAKER</p>  <p>Dr. Suganthi S Chinnasami When and How to Withdraw Therapy</p>
<p>SPEAKER</p>  <p>Dr. Khoo Ching Soong What to Do When Seizures Continue</p>	<p>SPEAKER</p>  <p>Prof. Dr. Lim Kheng Seang Status Epilepticus</p>	<p>SYMPOSIUM SPEAKER</p>  <p>Prof Lim Shih Hui Epilepsy and Traumatic Brain Injury</p>	

Time	Programme
9.00am - 9.05am	Opening Speeches Prof Dr Shang-Yeong Kwan, Taiwan Taipei Veterans General Hospital
9.05am - 9.15am	Introduction to the format Prof Dr Ernest Somerville, Australia The University of New South Wales
9.15am - 10.15am	Is It Epilepsy? Emeritus Prof Dato' Dr Raymond Azman Ali Universiti Teknologi MARA
10.15am - 10.20am	Break
10.20am - 11.20am	What Type of Seizures Is It? Prof Dr Tan Hui Jan The National University of Malaysia
11.20am - 11.25am	Break
11.25am - 12.25pm	Choice, Initial and Maintenance Therapy Dr Sherrini Bazir Ahmad Subang Jaya Medical Centre
12.25pm - 12.45pm	Lunch Break
12.45pm - 1.30pm	Sponsored Symposium Chair: Dr R. Viknesh Naidu a/I Ragupathy Naidu Epilepsy and Traumatic Brain Injury Prof Lim Shih Hui, National Neuroscience Institute
1.30pm - 2.00pm	Break
2.00pm - 3.05pm	When and How to Withdraw Therapy Speaker: Dr Suganthi S Chinnasami Kuala Lumpur General Hospital
3.05pm - 3.10pm	Break
3.10pm - 4.10pm	What to Do When Seizures Continue Dr Khoo Ching Soong The National University of Malaysia
4.10pm - 4.15pm	Break
4.15pm - 5.15pm	Status Epilepticus Prof Dr Lim Kheng Seang University of Malaya
5.15pm	Closing Remarks Prof Dr Ernest Somerville, Australia The University of New South Wales

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PRE- CONGRESS WORKSHOP

Friday 30th September 2022
Hall B, Tamingsari 3, Level G

Pre-congress Paediatrics Epilepsy Masterclass

 <p>CHAIR Dr Ahmad Rithauddin</p>	 <p>SPEAKER Dr Khoo Teik Beng</p>	 <p>SPEAKER Prof Dr Fong Choong Yi</p>
 <p>SPEAKER Dato' Dr Vigneswari Ganesan</p>	 <p>SPEAKER Dr Feizel Al Siddiq</p>	 <p>SPEAKER Dr Nor Azni Yahaya</p>
 <p>SPEAKER Dr Sangita Terumalay</p>	 <p>SPEAKER Dr Sumitha Murugesu</p>	

Time	Programme
Chair: Dr Ahmad Rithauddin, Hospital Tunku Azizah Kuala Lumpur Speakers / Facilitators: Prof Dr Fong Choong Yi, University of Malaya Dr Sangita Terumalay, Thomson Hospital, Kota Damansara Dr Nor Azni Yahaya, Hospital Raja Perempuan Zainab II, Kota Bharu Dr Khoo Teik Beng, Hospital Tunku Azizah Kuala Lumpur Dr Feizel Al Siddiq, Prince Court Medical Centre, Kuala Lumpur Dato' Dr Vigneswari Ganesan, Penang General Hospital, Georgetown Dr Sumitha Murugesu, Hospital Tunku Azizah Kuala Lumpur	
8.15am – 8.30am	Welcome and introduction to the format Dr Ahmad Rithauddin
8.30am – 9.20am	Neonatal Seizures Dr Sangita Terumalay
9.20am – 10.10am	Acute (symptomatic) Seizures Dr Sumitha Murugesu
10.10am – 10.40am	Tea Break
10.40am – 11.30am	Focal Epilepsies Dato' Dr Vigneswari Ganesan
11.30am – 12.20pm	Generalised Epilepsies Dr Khoo Teik Beng
12.20pm – 12.30pm	Q&A Session 1
12.30pm – 2.30pm	Lunch Break & Friday prayers
2.30pm – 3.20pm	Basics of Antiseizure Medications Dr Nor Azni Yahaya
3.20pm – 4.10pm	Epileptic Encephalopathies and Difficult Epilepsies Dr Feizel Al Siddiq
4.10pm – 5.00pm	What to do When Seizures Continue Prof Dr Fong Choong Yi
5.00pm – 5.30pm	Q&A Session 2

Friday 30th September 2022
Executive Boardroom, Level 1

Advanced NCS, EMG and Neuromuscular Ultrasound

SPEAKER	SPEAKER	SPEAKER	SPEAKER	SPEAKER
				
Prof. Dato' Dr Goh Khean Jin The Essentials of EMG in Clinical Practice	Dr Hiew Fu Liong Proximal Nerve Conduction Study	Prof. Dr. Nortina Shahrizaila Introduction to Neuromuscular Ultrasound	Dr Ong Beng Hooi • Repetitive Nerve Stimulation Testing • Blink Reflex	Assoc. Prof. Dr Tan Cheng Yin Common Nerves with Special Techniques

Time	Programme
8.00am - 8.30am	Registration
<p>Session I: Advanced NCS Chair: Dr Steve Ng Chen Fei, University Kebangsaan Malaysia Dr Stefanie Hung Kar Yan, Hospital Tuanku Ampuan Rahimah</p> <p>Hands-on Moderators Assoc Prof Dr Rabani Remli, University Kebangsaan Malaysia Assoc Prof Dr Tan Cheng Yin, University of Malaya Medical Centre Dr Hiew Fu Liong, Sunway Medical Centre Dr Ong Beng Hooi, Kedah Medical Center Dr Kok Chin Yong, Sunway Velocity Medical Centre Dr Steve Ng Chen Fei, University Kebangsaan Malaysia Dr Stefanie Hung Kar Yan, Hospital Tuanku Ampuan Rahimah Dr Loo Lay Khoon, Hospital Seberang Jaya</p>	
8.30am - 9.00am	Common Nerves with Special Techniques Assoc Prof Dr Tan Cheng Yin, University of Malaya Medical Centre Hands-on Session
9.30am - 10.00am	Proximal Nerve Conduction Study Dr Hiew Fu Liong, Sunway Medical Centre Hands-on Session
10.30am - 11.00am	Tea Break
11.00am - 11.30am	Repetitive Nerve Stimulation Testing Dr Ong Beng Hooi, Kedah Medical Center Hands-on session
12.00pm - 12.15pm	Blink Reflex Dr Ong Beng Hooi, Kedah Medical Center Hands-on session
12.45pm - 1.30pm	<p>Sponsored Symposium (Hall A, Tamingsari 1 & 2, Level G)</p> <p>Chair: Dr R. Viknesh Naidu a/I Ragupathy Naidu</p> <p>Epilepsy and Traumatic Brain Injury Prof Lim Shih Hui, National Neuroscience Institute</p> <p>sanofi</p>

PRE- CONGRESS WORKSHOP

Friday 30th September 2022
Executive Boardroom, Level 1

Advanced NCS, EMG and Neuromuscular Ultrasound

SPEAKER	SPEAKER	SPEAKER	SPEAKER	SPEAKER
 Prof. Dato' Dr Goh Khean Jin The Essentials of EMG in Clinical Practice	 Dr Hiew Fu Liong Proximal Nerve Conduction Study	 Prof. Dr. Nortina Shahrizaila Introduction to Neuromuscular Ultrasound	 Dr Ong Beng Hooi <ul style="list-style-type: none">• Repetitive Nerve Stimulation Testing• Blink Reflex	 Asoc. Prof. Dr Tan Cheng Yin Common Nerves with Special Techniques

Time	Programme
1.30pm - 2.30pm	Break
Session 2: EMG and Neuromuscular Ultrasound Chair: Dr Kok Chin Yong, Sunway Velocity Medical Centre Dr Loo Lay Khoo, Hospital Seberang Jaya	
2.30pm - 3.30pm	The Essentials of EMG in Clinical Practice Prof Dato' Dr Goh Khean Jin, University of Malaya Medical Centre
3.30pm - 3.45pm	Tea break
3.45pm - 4.45pm	Introduction to Neuromuscular Ultrasound Prof Dr Nortina Shahrizaila, University of Malaya Medical Centre
4.45pm	Closing

POST - CONGRESS WORKSHOP

AWARDED

Monday, 3rd October 2022
Hall A, Tamingsari 1 & 2, Level G

Localization In Clinical Neurology

Conducted by a panel of renowned neurologists, candidates will be walked through cases with interesting signs as well as interactive sessions; and taught the tips and tricks to pass their examinations during this one-day workshop

How to Localize Upper Motor Neuron Lesions



Dr Goh Kwang Hwee
Regency Specialist
Hospital



Dr Law Wan Chung
Sarawak General
Hospital

How to Localize Lower Motor Neuron Lesions



Dr Sanihah Abdul Halim
Universiti Sains Malaysia



Dr Chia Yuen Kang
Hospital Queen Elizabeth

Common Pitfalls in Neurological Short Case Exams



By Prof Dato' Dr Raymond Azman Ali
Universiti Teknologi MARA

Time	Programme
12.30 pm - 1.15pm	How to Localize Upper Motor Neuron Lesions By Dr Goh Kwang Hwee, Regency Specialist Hospital Johor Dr Law Wan Chung, Sarawak General Hospital
1.15pm - 2.00pm	How to Localize Lower Motor Neuron Lesions By Dr Sanihah Abdul Halim, Universiti Sains Malaysia Dr Chia Yuen Kang, Hospital Queen Elizabeth, Sabah
2.00pm - 2.15pm	Q&A session
2.15pm - 2.45pm	Tea break
2.45pm - 3.45pm	Break-out Interactive Session: Case-based Practices on Neurological Localization (1) Facilitators: Dr Khoo Ching Soong Assoc Prof Dr Tan Ai Huey Dr Law Wan Chung Dr Sanihah Abdul Halim Dr Chia Yuen Kang Assoc Prof Dr Rabani Remli Dr Shanthi Viswanathan Dr Nor Amelia Mohd Fauzi Dr Ooi Phaik Yee Dr Shaheda Koya Kutty Dr Steve Ng Chen Fei
3.45pm - 4.45pm	Break-out Interactive Session: Case-based Practices on Neurological Localization (2)
4.45pm - 5.15pm	Common Pitfalls in Neurological Short Case Exams Emeritus Prof Dato' Dr Raymond Azman Ali, Universiti Teknologi MARA
5.15pm - 5.30pm	Q&A Session
5.30pm	Adjourned

Adult Track
Congress Day 1
Saturday, 1st October 2022
Hall A, Tamingsari 1 & 2, Level G



Time	Programme
7.00am - 8.45am	Registration
Session 1: Parkinson's Disease and Related Disorders Chairs: Dr Goh Kwang Hwee, Regency Specialist Hospital Johor Dr Ahmad Shahir Mawardi, Hospital Kuala Lumpur	
8.45am - 9.00am	Briefing on Polling System
9.00am - 9.40am	Perspectives from Recent Landmark Clinical Studies in Parkinson's Disease Prof Dr Lim Shen-Yang, Universiti Malaya
9.40am - 10.10am	Case-based learning: How to treat PD with Motor Fluctuations Dr Lim Thien Thien, Island Hospital Penang
10.10am - 10.40am	Case-based learning: Tackling Atypical Parkinsonism Dr Tan Kenny, Loh Guan Lye Hospital Penang
10.40am - 11.10am	Tea Break
11.10am - 11.45am	Opening Ceremony
Session 2: Genetics Testing Chairs: Dr Hor Jyh Yung, Hospital Penang	
11.45am - 12.20pm	Joint Plenary: How to Conduct Genetic Testing and Genetic Counseling in Patients with Suspected Neurogenetic Diseases Dr Ngu Lock Hock, Hospital Kuala Lumpur
12.20pm - 12.30pm	Q&A session
12.30pm - 1.15pm	Sponsored Symposium Chair: Prof. Dr. Wan Aliaa Binti Wan Sulaiman Bench to Bedside: Clinical Experience of Galcanezumab Dr Tan Wee Yong Consultant Neurologist & Physician, Thomson Hospital Kota Damansara.



Congress Day 1
Saturday, 1st October 2022
Hall A, Tamingsari 1 & 2, Level G

Time	Programme
1.15pm – 1.45pm	Break
Session 3: Epilepsy Chairs: Dr Benjamin Ng Han Sim, Sarawak General Hospital Assoc Prof Dr Shalini Bhaskar, University Technology MARA	
1.45pm – 2.30pm	Sponsored Symposium Chair: Dr Sandip Kapse Epilepsy in women: The Science of Why It Is Special Dr Rio Carla Pineda 
2.30pm – 3.00pm	Case-based Learning: Epilepsy in Pregnancy Dr Sherrini Bazir Ahmad, Subang Jaya Medical Centre
3.00pm – 3.45pm	Break
3.45pm – 4.15pm	Case-based Learning: Refractory Status Epilepticus Dr Khoo Ching Soong, The National University of Malaysia
4.15pm – 4.45pm	Case-based Learning: Surgery for Intractable Epilepsy Dr Sally Tee Sow Kuan Pantai Hospital Kuala Lumpur
4.45pm – 5.00pm	Q&A Session
5.00pm	MSN AGM

Congress Day 2
Sunday, 2nd October 2022
Hall A, Tamingsari 1 & 2, Level G

Time	Programme
8.00am - 8.40am	Registration
Session 4: Rare Diseases Chairs: Prof Dato Dr Goh Khean Jin, Universiti Malaya Prof Datin Dr Norlinah Mohamed Ibrahim, Universiti Kebangsaan Malaysia	
8.40am - 11.00am	Parade of Rare Diseases from All Over Malaysia Dr Sim Chun Yang University of Malaysia Sarawak Dr Noorasyikin Mohamed Arifin Hospital Kuala Lumpur Dr Law Wan Chung Sarawak General Hospital Dr Schee Jie Ping Universiti Malaya Dr Shaheda Koya Kutty International Islamic University Of Malaysia
11.30am - 12.15pm	Sponsored Symposium Chair: Assoc Prof Dr Rabani Remli Universiti Kebangsaan Malaysia Role Of Neurologist In Pompe Disease Dr Chew Hui Bein, Hospital Kuala Lumpur Case Presentation Of LOPD In Malaysians Prof Dato' Dr Goh Khean Jin, University of Malaya 
Session 4: Rare Diseases Chairs: Assoc Prof Dr Rabani Remli, Universiti Kebangsaan Malaysia Dr Nor Amelia Mohd Fauzi, Universiti Teknologi MARA	
12.15pm - 12.45pm	Skills Upgrade: How to Plan for End-of-Life Care for Patients with Neurodegenerative Diseases Dr David Paul Capelle, University of Malaya
12.45pm - 1.00pm	Q&A session
1.00pm - 1.45pm	Sponsored Symposium Chair: Prof Dr Tan Hui Jan, The National University of Malaysia  A New Horizon to Multiple Sclerosis Treatment Prof Gavin Giovannoni, Co-Director of the Preventive Neurology Unit, Wolfson Institute Of Population Health
1.45pm - 2.00pm	Short Break

Congress Day 2
Sunday, 2nd October 2022
Hall A, Tamingsari 1 & 2, Level G

Time	Programme
Session 5: Multiple Sclerosis and Other Autoimmune Disorders Chair: Dr Joyce Pauline Joseph, Hospital Kuala Lumpur Dr Sanihah Abdul Halim, Universiti Sains Malaysia	
2.00pm – 2.30pm	Perspectives from Recent Landmark Clinical Studies in Multiple Sclerosis Dr Shanthi Viswanathan, Hospital Kuala Lumpur
2.30pm – 3.15pm	<div> <div> Sponsored Symposium Chair: Prof Nortina Shahrizaila University of Malaya Medical Centre </div> <div> Pearls and Pitfalls in the Diagnosis of CIDP Prof Tan Cheng Yin, University of Malaya Medical Centre </div> <div> Managing CIDP: The PATH to improved patient outcomes with IG Dr Hiew Fu Liong, Sunway Medical Centre </div> </div> <div>CSL Behring</div>
3.15pm – 3.45pm	Tea-break
3.45pm – 4.15pm	Case-based Learning: Multiple Sclerosis vs. Neuromyelitis Optica Dr Hor Jyh Yung, Hospital Penang
4.15pm – 4.45pm	Case-based Learning: Therapeutic Dilemmas in Multiple Sclerosis Dr Chey Shin Yee, Hospital Kuala Lumpur
4.45pm – 5.30pm	Case-based Learning: Rare Autoimmune Encephalitis Dr Chee Yong Chuan, Hospital Universiti Sains Malaysia Dr Grace Chu, Hospital Seremban
5.30pm	Adjourned

Congress Day 3
Monday, 3rd October 2022
Hall A, Tamingsari 1 & 2, Level G

Time	Programme
8.00am – 8.30am	Registration
Session 6: Stroke Chairs: Assoc Prof Dr Wan Nur Nafisah Wan Yahya, Universiti Kebangsaan Malaysia Dr Irene Looi, Hospital Seberang Jaya	
8.30am – 9.00am	Perspectives from Recent Landmark Clinical Studies in Stroke Dr Wan Asyraf Wan Zaidi, Universiti Kebangsaan Malaysia
9.00am – 10.00am	Stroke Reperfusion Therapy: Lessons From Our Patients Dr Toh Tsun Haw, Pantai Hospital Ayer Keroh Dr Dr Abdul Hanif Khan Yusof Khan, Universiti Putra Malaysia Dr Wong Yee Choon, Pantai Hospital Penang
Session 6: Stroke (cont.) Chair: Assoc Prof Dr Hoo Fan Kee, Universiti Putra Malaysia Dr Tan Wee Yong, Thomson Hospital	
10.00am – 10.30am	Skills Upgrade: How to Assess Patients Presenting with Giddiness and Vertigo Prof Dr Tang Ing Ping, Universiti Malaysia Sarawak
10:30am – 10.50am	Case-based Learning: Spinal Cord Stroke Dr Ahmad Shahir Mawardi, Hospital Kuala Lumpur
10.50am – 11.10am	Case based-learning: Posterior Circulation Stroke Dr Ang Chong Lip, KPJ Ipoh
11:10 am – 12.00pm	Sponsored Symposium Chair: Dr Wan Asyraf Wan Zaidi, Universiti Kebangsaan Malaysia Optimizing Post-stroke Recovery, the Role of NeuroAiD Prof. Dr. Narayanaswamy Venketasubramanian, Neurologist, Raffles Specialist Centre
12.00pm	End



Paediatric Track
Congress Day 1
Saturday, 1st October 2022
Hall B, Tamingsari 3, Level G

Time	Programme
8:50am – 9.00am	Welcome Speech Dr Feizel Al Siddiq Chair, Chapter of Child Neurology and Developmental Paediatrics (CCNDP)
9.00am – 9.45am	Session 1 : Epilepsy Chair: Prof Dr Ong Lai Choo, University of Malaya Medical Centre Approach to Non-Convulsive Status Epilepticus & ESES (Virtual Talk) Assoc Prof Dr Rajesh Ramachandran Nair, McMaster Children's Hospital, Canada
9.45am – 10.15am	Approach to Convulsive Status Epilepticus Dr Sumitha Murugesu, Hospital Tunku Azizah Kuala Lumpur
10.15am – 10.45am	Updates to Management of Refractory Epilepsy Prof Dr Fong Choong Yi, University of Malaya, Kuala Lumpur
10.45am – 11.10am	Tea break
11.10am – 11.45am	MSN Congress Opening Ceremony
11.45am – 12.30pm	Joint Plenary Session
12.30pm – 2.00pm	Lunch
2.00pm – 3.00pm	Session 2 : Autism Spectrum Disorder Chair: Assoc Prof Dr Norazlin Kamal Nor, University Kebangsaan Malaysia Encopresis: Essential Management Strategies for Paediatricians Dr Khoo Chai Soon, Sarawak General Hospital Girls with ASD: The Missed Diagnosis Dr Sathyabama Ramachandram, Penang General Hospital
3.00pm – 3.30pm	Tea Break
3.30pm – 5.00pm	Session 3 : Developmental Paediatrics General Topics Chair: Dr Cindy Chan, Sunway Medical Centre Obesity in Children with Developmental Disorders: Practical Approaches to Management Dr Jasmininder Kaur, Sabah Women's & Children's Hospital The COVID Generation Assoc Prof Dr Subhashini Jayanath, University of Malaya, Kuala Lumpur Nurturing Care for Childhood Development Dr Rajini Sarvananthan, ParkCity Medical Centre
5.00pm	MSN AGM

Congress Day 2
Sunday, 2nd October 2022
Hall B, Tamingsari 3, Level G

Time	Programme
8.30am – 9.00am	Session 4: Neuroinflammation, General Neurology Chair: Dr Ng Sui Yin, Gleneagles Hospital, KL COVID-19 Infection and the CNS Dr Ahmad Rithauddin Hospital Tunku Azizah Kuala Lumpur
9.00am – 9.30am	Paediatric Autoimmune CNS disorders – An Overview Dr Malini Mahalingam, Hospital Raja Permaisuri Bainun, Ipoh
9.30am – 10.00am	Updates on Neuroinflammation & Demyelination Dr Heng Hock Sin, Sabah Women Children Hospital, Kota Kinabalu
10.00am – 10.30am	Congenital Brain Malformation in Clinical Practice Dr Rohaya bt Mohamad, Hospital Sultanah Nur Zahirah, Kuala Terengganu
10.30am – 11.00am	Updates on Paediatric Stroke Dr Teh Chee Ming, Penang General Hospital
11.00am – 11.30am	Tea Break
11.30am – 1.00pm	Session 5 : Multiple Issues & Transition Care Chair: Dr Raja Juanita Raja Lope, Pantai Hospital Kuala Lumpur & Regen Rehabilitation International Hospital Understanding Dual Sensory Loss Dr Charlotte Jane Joseph, Hospital Tunku Azizah Kuala Lumpur What's Next After Primary School? Supporting Adolescents With Mild Autism Spectrum Disorder Dr Ching Bih Hwa, Hospital Sultan Ismail, Johor Bahru Managing Behavioural Difficulties in Autism (Virtual Lecture) Dr Celia Heyman, Capella University, FTF Behavioral Consulting
1.00pm – 2.00pm	Lunch Break & E-poster Judging
2.00pm – 2.25pm	Session 6 : Neuromuscular, Neonatal Neurology Chair: Dr Tay Chee Geap, Sunway Medical Centre Updates on Muscular Disorder Dr Poorani Anandakrishnan, Hospital Tunku Azizah Kuala Lumpur
2.25pm – 2.50pm	Approach to Inherited Paediatric Neuropathic Disorders Dr Tan Khian Aun, Hospital Sultanah Bahiyah, Alor Setar

Congress Day 2
Sunday, 2nd October 2022
Hall B, Tamingsari 3, Level G

Time	Programme
2.50pm – 3.15pm	Improving Outcomes in Neonatal Encephalopathy –What’s new in 2022? Dr Sangita Terumalay, Thomson Hospital Kota Damansara
3.15pm – 3.45pm	Tea Break
3.45pm – 4.45pm	Session 7- Sleep & Elimination Disorders Chair: Dr Ranjini Sivanesom, Hospital Tunku Azizah Kuala Lumpur Sleep Disorders & Behaviour Dr Ong Jun-Jean, International Medical University 'Frozen' in Autism – Rare but Real! Dr Lim Boon Chuan, Sarawak General Hospital
4.45pm – 4.50pm	Closing Dr Feizel Al Siddiq Chair, Chapter of Child Neurology and Developmental Paediatrics (CCNDP)
4.50pm – 5.30pm	Developmental Paediatrics Networking Session

Basic Neuroscience Track
Congress Day 1
Saturday, 1st October 2022
Hall C, Tun Sri Lanang 1 & 2, Level G

Time	Topics
7.00am – 8.45am	Registration
Session 1: Neuroinflammation & Neurodegenerative Disorders Chair: Assoc Prof Dr Mohd Hanafi Ahmad Damanhuri, Universiti Kebangsaan Malaysia	
8.45am – 9.00am	Opening speech by BNC Chair
9.00am – 9.30am	Pgrmc1 as a Mediator of Pro-Survival and Pro-Death Signals in the Brain: Implications for the Treatment of Neurodegenerative Disease and Brain Tumors (Virtual Talk) Prof Dr Meharvan Singh, Loyola University Chicago, USA
9.30am – 10.00am	Detection of Abnormal Protein Aggregates in Alzheimer's Disease Using Magnetic Resonance Imaging (Virtual Talk) Assoc Prof Dr Daijiro Yanagisawa, Shiga University of Medical Science, Japan
10.00am – 10.40am	Molecular biomarkers of Parkinson's Diseases in Malaysia: What have we known so far? Assoc Prof Dr Nor Azian Abdul Murad, Universiti Kebangsaan Malaysia, Malaysia
10.40am – 11.10am	Tea Break
11.10am – 11.45am	Opening Ceremony
Session 2: Oral Presentation	
11.45am – 12.30pm	Oral Presentation
SERUM METABOLOMICS IN PARKINSON'S DISEASE: CORRELATIONS WITH FECAL MICROBIOME, FECAL METABOLOMICS AND CLINICAL DATA Tzi Shin Toh LRRK2 MUTATION SPECTRUM IN A MALAYSIAN MULTI-ETHNIC PARKINSON'S DISEASE COHORT Lim Jia Lun REPEATED EXPOSURE TO MITRAGYNE MODULATES HIPPOCAMPAL SYNAPTIC PLASTICITY AND ITS POTENTIAL MECHANISM Yunusa Suleiman	
12.30pm – 1.15pm	Sponsored Symposium (Hall A, Tamingsari 1 & 2, Level G) Bench to Bedside: Clinical Experience of Galcanezumab Dr Tan Wee Yong, Consultant Neurologist & Physician, Thomson Hospital Kota Damansara.



Congress Day 1
Saturday, 1st October 2022
Hall C, Tun Sri Lanang 1 & 2, Level G

Time	Topics
1.15pm – 1.45pm	Short Break
Session 3: Stroke and Regeneration Chairs: Dr Ong Lin Kooi, University of Southern Queensland Dr Siti Rafidah bt Yusof, Universiti Sains Malaysia	
1.45pm – 2.15pm	A Stroke of Bad Luck: The Limitations of Animal Models in Preclinical Research (Virtual Talk) Dr Lila Landowski, University of Tasmania, Australia
2.15pm – 2.45pm	Neural Stem Cell-based Treatment for Ischemic Stroke Dr Tan Suat Cheng, Universiti Sains Malaysia, Malaysia
2.45pm – 3.15pm	Towards Advanced IPS Cell Therapy for Brain Regeneration (Virtual Talk) Dr Ruslan Rust, University of Zurich, Switzerland
3.15pm – 3.30pm	Break
3.30pm – 4pm	Oral Presentations
BIOACTIVE FRACTION FROM CLITORIA TERNATEA ROOT EXTRACT IMPROVED BEHAVIOURAL PERFORMANCE AND IN VIVO HIPPOCAMPAL SYNAPTIC PLASTICITY IN A RAT MODEL OF CHRONIC CEREBRAL HYPOPERFUSION Mohamad Anuar Ahad	
EFFECTS OF TRANSCUTANEOUS VAGUS NERVE STIMULATION IN ISOPRENALINE INDUCED MYOCARDIAL INFARCTION RATS VIA ISOLATED LANGENDORFF PERFUSION TECHNIQUE Mohd Kaisan Bin Mahadi	

Congress Day 1
Saturday, 1st October 2022
Hall C, Tun Sri Lanang 1 & 2, Level G

Time	Topics
4.00pm – 5.00pm	E-Poster Presentation
	<p>SYNERGISTIC EFFECT OF EMBELIN NANOMICELLES IN A CELL-BASED AMYLOID BETA INDUCED CHOLINERGIC DYSFUNCTION MODEL OF ALZHEIMER'S DISEASE Hadri Hadi Bin Md Yusof</p> <p>VERY HIGH FREQUENCY OF EARLY-ONSET PARKINSON'S DISEASE WITH HOMOZYGOUS PRKN EXON 3 DELETION AMONGST INDIGENOUS POPULATIONS IN SABAH, MALAYSIA Yi Wen Tay</p> <p>NOVEL N-(1H-INDAZOL-3-YL)BENZAMIDE SMALL MOLECULES AS POTENTIAL LEUCINE-RICH REPEAT KINASE 2 TYPE II KINASE INHIBITORS FOR TREATMENT OF IDIOPATHIC PARKINSON'S DISEASE Anis Nadhirah Binti Khairul Anuar</p> <p>THE SOD1 P.V48A MUTATION IS COMMON AMONGST MALAYSIAN CHINESE AMYOTROPHIC LATERAL SCLEROSIS (ALS) PATIENTS Suzanna Edgar</p> <p>REST TARGETS DYSREGULATED GENES IN DOWN SYNDROME HUMAN INDUCED PLURIPOTENT STEM CELL-DERIVED CEREBRAL ORGANOID Norhazlin Jusoh</p> <p>GABAERGIC MODULATION RESPONSIBLE FOR NEUROGENESIS WITHIN NEUROGENIC NICHE OF THE POSTNATAL SPINAL CORD Nazlahshaniza Binti Shafin</p> <p>SPINAL NMDAR-2B ACTIVATION PROMOTES DEVELOPMENT OF TACTILE ALLODYNIA, THERMAL HYPERALGESIA AND REDUCED MOBILITY IN CHRONIC POLYARTHRITIS RAT MIMICKING RHEUMATOID ARTHRITIS Che Aishah Nazariah Ismail</p> <p>POLYGONUM MINUS (BIOKESUM) AMELIORATES COGNITIVE DYSFUNCTION IN ADULT CHRONIC CEREBRAL HYPOPERFUSION-INDUCED RATS Siti Fatin Farhanah Othman</p> <p>INTRAEPIDERMAL NERVE FIBER DENSITY QUANTIFICATION IN RAT'S SKIN TISSUE Noradliyanti Rusli</p>
5.00pm	MSN AGM

Congress Day 2
Sunday, 2nd October 2022
Hall C, Tun Sri Lanang 1 & 2, Level G

Time	Topics
8.00am – 8.45am	Registration
Session 4: Neurotherapy and Neuroprotection Chair: Assoc Prof Dr Zurina Hassan, Universiti Sains Malaysia	
8.45am – 9.15am	The Green Tea Amino Acid Theanine for Brain Health (Virtual Talk) Prof Emeritus Yukio Yoneda, Kanazawa University, Japan
9.15am – 9.45am	Natural Products as Disease-modifying Leads for Neurodegenerative Diseases Prof Dr Vikneswaran Murugaiyah, Centre for Drug Research, Universiti Sains Malaysia, Malaysia
9.45am – 10.15am	Vascular Protection and Neural Protection of TRPM4 Blocking Ab in Neurological Diseases Assoc Prof Dr Liao Ping, National Neuroscience Institute, Singapore
10.15am – 11.00am	Repurposing Ruxolitinib to Improve Learning and Memory Assoc Prof Dr Michael Ling King Hwa, Universiti Putra Malaysia, Malaysia
11.00am – 11.30am	Tea Break
Session 4: Oral Presentation	
11.30am – 1.00pm	Oral Presentations
ANTI-OXIDATIVE EFFECTS OF STANDARDISED EXTRACT OF CENTELLA ASIATICA (SECA) AND ITS FRACTIONS AGAINST LIPOPOLYSACCHARIDES (LPS)-INDUCED BV2 MICROGLIAL CELLS Aqilah Hambali WEARABLE DEVICES FOR SEIZURE DETECTION AND PREDICTION BASED ON HEART RATE PARAMETERS: A SYSTEMATIC REVIEW Eryse Amira Seth REST DYSREGULATION IN THE BRAIN OF TSICJE MOUSE MODEL OF DOWN SYNDROME Lim Chong Teik	
1.00pm – 1.45pm	Sponsored Symposium A New Horizon to Multiple Sclerosis Treatment Prof Gavin Giovannoni, Co-Director of the Preventive Neurology Unit, Wolfson Institute Of Population Health 
1.45pm – 2.00pm	Short Break

Congress Day 2
Sunday, 2nd October 2022
Hall C, Tun Sri Lanang 1 & 2, Level G

Time	Topics
Session 5: Current Technologies and Models for CNS Disorders Chair: Dr Anwar Norazit, University of Malaya	
2.00pm – 3.30pm	Drug discovery in schizophrenia (Virtual Talk) Emeritus Prof Dr Alan Mackay-Sim, Griffith University Queensland, Australia Artificial Intelligence and Neuroscience (Virtual Talk) Prof Feng Linqing, Zhejiang Lab, China Social Anxiety Disorder (SAD) Severity Assessment using Deep Learning Techniques Assoc Prof Dr Ibrahima Faye, Universiti Teknologi Petronas, Malaysia
3.30pm – 3.45pm	Tea Break
3.45pm – 5.30pm	E-Poster Presentations
THE EFFECTIVENESS OF CLITORIA TERNATEA AQUEOUS EXTRACT TOWARD ROTENONE-INDUCED PARKINSON'S DISEASE IN ZEBRAFISH MODEL Muhammad Danial Ramli	
IDENTIFICATION OF THE TRANSPORTERS RESPONSIBLE FOR MITRAGYNINE UPTAKE IN THE RAT BRAIN Fatin Farhana Shahnon	
MITRAGYNINE MODULATES INFLAMMATORY PAIN VIA TRANSIENT RECEPTOR POTENTIAL VANILLOID TYPE 1 (TRPV1) IN THE RATS' BRAIN Noorul Hamizah Binti Mat	
IDENTIFICATION OF NON-CODING RNA INVOLVED IN GLIOBLASTOMA TUMOUR IMMUNE ESCAPE M Kamariah Binti Ibrahim	
CRISPR-CAS KNOCKOUT OF MIR21 REDUCES GLIOMA GROWTH Cheah Pike See	
REST TARGETS DYSREGULATED GENES IN HUMAN DOWN SYNDROME NEURAL CELLS Tan Huang	
BRAIN VOLUMETRIC AND METABOLIC CHANGES IN COGNITIVELY IMPAIRED MENOPAUSE RAT MODEL Nur Zuliani Binti Ramli	
GENDER ASSOCIATED COGNITIVE AND NEUROPSYCHIATRIC COMORBIDITIES IN AN INDUCED POST-TRAUMATIC EPILEPSY RODENT MODEL Alina Arulsamy	
MODULATION OF HMGB1 PROTECTS AGAINST EPILEPSY ASSOCIATED MEMORY DECLINE IN ZEBRAFISH MODEL Mohmad Farooq Shaikh	
NANO-FORMULATION OF CURRENT ANTI-EPILEPTIC DRUGS FOR THE MANAGEMENT OF EPILEPTIC SEIZURE: A SYSTEMATIC REVIEW Nuraziemah Ahmad	
TRAUMATIC BRAIN INJURY AFFECTS THE NEUROPSYCHIATRIC BEHAVIOURS IN A ZEBRAFISH MODEL Nurul Atiqah Binti Zulazmi	
5.30pm	Closing Ceremony & Adjourned

AWARDS



**MSN Special Award in
Recognition of Outstanding
Contributions to Neurology
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