



# Zoom Webinar Programmes





# Neuromics: The Yin-Yang Aspect in Translational Neuroscience

IBRO-APRC ASSOCIATE SCHOOL ON NEUROMICS 2021, Platform: Zoom

## DAY 1



20<sup>th</sup> September 2021 (Monday)



Time  
(GMT +8)



Programmes

8.45 – 9.00

**Check in and Housekeeping Information**

9.00 – 9.15

**Inauguration speech**

by Vice Chancellor or TNC Professor IR Dr Abdul Wahab Mohammad

**Speech**

by the Dean of Medical School – Professor Dr Raja Affendi

**Opening remarks**

by Dr Jaya Kumar (UKM, Malaysia) – Chairperson

9.15 – 9.25

**Videos of students and faculty**

**APRC Funding Opportunities and Future Activities**

– APRC Chair, Cheah Pike See (UPM, Malaysia)

### SESSION 1:

### BASIC NEUROSCIENCE

**Chair:** Hafizah Abdul Hamid (UPM, Malaysia)

9.25 – 10.10

**Neuroinflammation In Dementia Animal Model**

– Eyleen Goh (NTU, Singapore)

10.10 – 10.55

**The Hurdles We Need To Overcome**

**To Develop A Disease Modifying Drug For Parkinson's**

– David Finkelstein (Florey, Australia)

10.55 – 12.45

**E-poster Presentations**

13.00 – 14.00

**Break**

### SESSION 2:

### TRANSLATIONAL APPROACHES

**Chair:** Sim Chun Yang (UNIMAS, Malaysia)

14.00 – 14.45

**Gut Microbiome Signature in PD**

– Tan Ai Huey (UM, Malaysia)

14.45 – 15.15

**Occult Brain Infarcts - A Silent Pandemic**

– Muzaimi Mustapha (USM, Malaysia)

15.15 – 16.00

**Reduced Penetrance in Genetic PD and Related Movement Disorders**

– Christine Klein (Luebeck University, Germany)

16.00 – 16.30

**Reflection of Day 1**





# Neuromics: The Yin-Yang Aspect in Translational Neuroscience

IBRO-APRC ASSOCIATE SCHOOL ON NEUROMICS 2021, Platform: Zoom

## DAY 2

21<sup>st</sup> September 2021 (Tuesday)



Time  
(GMT +8)



Programmes

8.45 – 9.00

**Check in and Housekeeping Information**

Videos of students and faculty

### SESSION 3:

### CLINICAL NEUROSCIENCE

*Chair: Chair: Steve Ng Chen Fei (UKM, Malaysia)*

9.00 – 9.45

**Parkinson's Disease - a Clinical Update**

– Norlinah Mohamed Ibrahim (UKM, Malaysia)

9.45 – 10.15

**MitoQ Intervention Therapeutic in Traumatic Brain Injury**

– Firas Kobeissy (UF, USA)

10.15 – 11.00

**Pain and Parkinson's Disease: Back to Basics**

– Shahrul Azmin (UKM, Malaysia)

11.00 – 11.45

**Basal Ganglia Network and DBS in PD**

– Jegan Thanabalan (UKM, Malaysia)

11.45 – 13.00

**Free Paper Presentations**

13.00 – 14.00

**Break**

### SESSION 4:

### TRANSLATIONAL NEUROSCIENCE

*Chair: Teoh Seong Lin (UKM, Malaysia)*

14.00 – 14.45

**The Phenotypic Variability of Genetic Atypical PD-Clues for The Clinician**

– Maria Stamelou (University of Athens, Greece)

14.45 – 15.30

**Melatonin and Neurodegeneration**

– Banthit Chetsawang (Mahidol, Thailand)

15.30 – 16.15

**COVID-19 and PD: Seeking Clarity at A Time of Uncertainty**

– Katarzyna Śmiłowska (Regional Hospital in Sosnowiec, Poland)

16.15 – 17.00

**E-Poster Presentations**

17.00 – 17.30

**Reflection of Day 2**





# Neuromics: The Yin-Yang Aspect in Translational Neuroscience

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## DAY 3



22<sup>nd</sup> September 2021 (Wednesday)



Time  
(GMT +8)



Programmes

8.45 – 9.00

Check in and Housekeeping Information

### SESSION 5:

### EXPERIMENTAL MODELS

Chair: Fairuz Yahaya (UKM, Malaysia)

9.00 – 9.45

**Zebra Fish and Cognitive Decline Model**  
– Mohd Farooq Shaikh (Monash, Malaysia)

Technical

9.45 – 10.30

**Omics Platform**  
– David Finkelstein (Florey, Australia)

10.30 – 11.15

**Experimental Blood Brain Barrier Model**  
– Siti Rafidah Yusuf (USM, Malaysia)

Technical

11.15 – 12.30

E-poster Presentations

12.30 – 14.00

Break

### SESSION 6:

### ETHICS IN NEUROSCIENCE RESEARCH

Chair: Nur Azlina Mohd Fahami (Head of UKMAEC, Malaysia)

14.00 – 14.45

**Ethics in Clinical Research**  
– Isa Naina Mohamed (UKM, Malaysia)

14.45 – 15.30

**Ethics in Neuroscience Animal Research**  
– Igor Nikolayevich Iezhitsa (IMU, Malaysia)

15.30 – 16.15

**TBI and PD: What is The Interplay?**  
– Stefania Mondello (University of Messina, Italy)

16.15 – 17.15

Free Paper Presentations

17.15 – 17.45

Reflection of Day 3







# Neuromics: The Yin-Yang Aspect in Translational Neuroscience

IBRO-APRC ASSOCIATE SCHOOL ON NEUROMICS 2021, Platform: Zoom

**DAY 4** 

23<sup>rd</sup> September 2021 (Thursday)



Time  
(GMT +8)



Programmes

8.45 – 9.00

**Check in and Housekeeping Information**

## SESSION 7:

### NEURODEGENERATION

*Chair: Muhammad Zulfadli Mehat (UPM, Malaysia)*

9.00 – 9.45

**iPSC Model, A Powerful Technology for Human Disease Modelling**

– Michael Lang (UPM)

9.45 – 10.30

**Update in Imaging in Neurodegenerative Diseases**

– Norlisah Ramli (UM, Malaysia)

10.30 – 11.15

**Neuroinformatics and Neuroimaging**

– Current Application on Brain Disorder

– Indranath Chatterjee (South Korea)

11.15 – 12.00

**New Drugs for Neurodegenerative Diseases**

Using Optical Imaging Technology

– Jin-Wu Tsai (Taiwan)

12.00 – 13.00

**Free Paper Presentations**

13.00 – 14.00

**Break**

## SESSION 8:

### PROFESSIONAL DEVELOPMENT

*Chair: Hanafi Damanhuri (UKM, Malaysia)*

14.00 – 14.45

**Setting Up a Research Center**

– Abu Bakar Abdul Majeed (UITM, Malaysia)

14.45 – 15.15

**Regional Multi-centers Genetic Study in PD**

– What are Your Opportunities

– Kin Ying Boniface Mok (UCL, UK)

15.15 – 16.30

**Open Forum: Funding and Potential Collaborative Discussions  
Between Scientists, and Clinicians**

**Moderators:**

- Wael Mohamed
- Eyleen Goh

**Panelists:**

- Abu-Bakar (Malaysia)
- Lim Chen (Malaysia)
- Banthit Chetsawang (Mahidol, Thailand)
- Isa Naina (Malaysia)
- Maria Stamelou (Greece)



# Neuromics: The Yin-Yang Aspect in Translational Neuroscience

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## DAY 5



24<sup>th</sup> September 2021 (Friday)



Time  
(GMT +8)



Programmes

8.45 – 9.00

Check in and Housekeeping Information

### SESSION 9:

### INTERNATIONAL OPPORTUNITIES FORUM

Chair: Anwar Norazit (UM, Malaysia)

9.00 – 9.50

Flash Talks with Shortlisted E-Poster Presenters

9.50 – 10.20

**Bridging The Gap Between the Seniors and Juniors:  
A Malaysian Journey**

– Muzaimi Mustapha (USM, Malaysia)

10.20 – 10.50

**Microglia Immunomodulation and Neurodevelopment**

– Sharmili Vidyadaran (UPM, Malaysia)

10.50 – 11.50

**Interactive Forum between Junior and Senior Scientists**

**Moderators:**

- Muzaimi Mustapha (Malaysia),
- Sharmili Vidyadaran (Malaysia)

**Panelists:**

- David Finkelstein (Australia)
- Jayakumar (Malaysia)
- Igor Nikolayevich Iezhitsa (Malaysia)

11.50 – 12.15

**Best Presentations Awards and Closing Ceremony**

