PROGRAMME

(AS OF November, 2018, SUBJECT TO CHANGES)

SATURDAY, APRIL 6TH, 2019

09.30 - 17.00, Pre-colloquium Teaching Course on EEG in status epilepticus and on the intensive care unit

This course will be held at the National Hospital for Neurology and Neurosurgery, Queen Square, London. It will be taught by an international faculty who are leaders in the field, and delegates will receive a pack of teaching materials. The course is designed for Trainees and Consultant Level clinicians and for technical staff. For details on the programme, please click here.

SUNDAY, APRIL 7TH, 2019

09.15 - 09.30  Introduction
Simon Shorvon, Eugen Trinka, Matthew Walker

09.30 - 09.40  Session 1: Networks and novel Targets
Chairs: Annamaria Vezzani, Alon Friedman

09.30 - 10.10  Gene therapy for closed-loop seizure Suppression
Dimitri Kullmann

10.10 - 10.40  Coffee break

10.40 - 11.20  Secondarily generalized convulsive status epilepticus: circuits and mechanisms
Jaideep Kapur

11.20 - 12.00  Dynamic causal modeling of the EEG in epilepsy
Rosalyn Moran

12.00 - 12.40  Targeting reactive oxygen species in status epilepticus
Matthew Walker

10.30 - 12.30  Parallel session: Workshop - Outcomes in status epilepticus
Chairs: Helen Cross, Holger Lerche

Outcome of childhood convulsive status epilepticus
Richard Chin

Electrographic seizure burden and outcome following paediatric status epilepticus
Cecil Hahn

Progressive cerebral atrophy in SE
Sarah Hocker
12.40 - 14.00  Lunch break & Posters & conference photograph

14.00 - 16.00  **Session 2: Biomarkers**
*Chairs: Peter Crino, Claude Wasterlain*

14.00 - 14.40  MicroRNAs as biomarkers and treatment targets in status epilepticus
David Henshall

14.40 - 15.20  Biomarkers of inflammation and reactive oxygen species in status epilepticus; implications for therapy
Annamaria Vezzani

15.20 - 16.00  Blood-Brain Barrier disruption in status epileptics: mechanisms and role in epileptogenesis
Alon Friedman

14.00 - 16.00  **Parallel session: Workshop - Clinical research and orphan conditions**
*Chairs: Reeta Kälivainen, Lieven Lagae*

- New therapies of the progressive myoclonic epilepsies
  Reeta Kälivainen

- Status epilepticus in pregnancy-can we frame a uniform treatment protocol?
  Ashalatha Radharishnan

16.00 - 16.30  Coffee break

16.30 - 17.40  **Session 3: Physical Treatments of status epilepticus**
*Chairs: Tom Bleck, Matthias Koepp*

16.30 - 17.10  Hypothermia as a treatment of status epilepticus
Stephane Legriel

17.10 -- 17.40  Neurostimulation in the treatment of status epilepticus
Eugen Trinka

19.30  **Colloquium Dinner**
*at The Athenaeum Club, London*
MONDAY, APRIL 8TH, 2019

08.30 - 10.00  Session 4 : Hullabaloo-Controversies  
*Chairs: Meir Bialer, Mark Cook*

08.30 - 09.00  Lessons from the ESSET Trial  
Hannah Cock

09.00 - 09.30  Do neurosteroids have any future in the treatment of status epilepticus?  
Mike Rogawski

09.30 - 10.00  What is the role of next generation sequencing in status epilepticus?  
Renzo Guerrini

10.00 - 10.30  Coffee break

10.30 - 11.50  Session 5: Big data, seizure detection and prediction  
*Chairs: Daniel Lowenstein, Christoph Kellinghaus*

10.30 - 11.10  New avenues in seizure detection and prediction  
Mark Cook

11.10 - 11.50  Big data – future roles in status epilepticus  
Brian Litt

11.50 - 13.00  Lunch & posters

13.00 - 14.00  Satellite Symposium 1

14.00 - 14.30  Session 6: Nobel Laureate lecture  
*Chairs: Simon Shorvon, Matthew Walker*

Nobel Laureate lecture  
Professor James Rothman

14.30 - 16.00  Session 7: Genes and paediatrics  
*Chairs: Renzo Guerrini, Reetta Kalviainen*

14.30 - 15.00  Status epilepticus and genetic variations in sodium channel genes  
Holger Lerche
15.00 - 15.30  Status epilepticus and mTOR signaling  
Peter Crino

15.30 - 16.00  The role of PCDH19 in refractory status epilepticus  
Nichola Specchio

14.30 - 16.00  **Parallel session: Workshop - Status epilepticus due to nerve gases and poisons**  
*Chair: Tom Bleck*

  - Neurological consequences of organophosphate poisoning  
    Peter Blain
  - Role of KCNQ2/3 potassium channels in cholinergic status epilepticus  
    Jaideep Kapur

16.00 - 16.30  Coffee break

16.30 - 18.30  **Session 8: Paediatrics and research networks**  
*Chairs: Richard Chin, Cecil Hahn*

16.30 - 17.00  The treatable causes of neonatal status epilepticus  
Ronit Pressler

17.00 - 17.30  The SENSE registry of status epilepticus  
Christoph Kellinghaus

17.30 - 18.00  The European Reference Network for rare and complex epilepsies epiCARE and its role in status epilepticus  
Helen Cross

18.00 - 18.30  Update on North American pediatric convulsive status epilepticus Research Networks  
Tobias Loddenkemper

16.30 - 18.00  **Parallel session: Data blitz – Clinical**  
*Chairs: Sarah Hocker, Monica Ferlisi*
TUESDAY, APRIL 9TH, 2019

09.00 - 11.00  Session 9: Sponsored session: Novel drugs and devices in the treatment of status epilepticus
Chairs: Daniel Lowenstein, Matthias Koepp

11.00 - 11.30  Coffee break

11.30 - 12.30  Session 10: Novel treatments approaches in status epilepticus
Chairs: Brian Litt, Matthias Koepp

11.30 - 12.00  Lessons from the Sage Trial
Andrew Cole

12.00 - 12.30  Polytherapy for status epilepticus: the proof of the pudding
Claude Wasterlain

12.30 - 13.00  Lunch & Posters

13.00 - 14.00  Satellite Symposium 2

14.00 - 16.00  Session 11: Novel drugs in the treatment of status epilepticus
Chairs: Nicola Specchio, Tobias Loddenkemper

14.00 - 14.30  New treatments of mitochondrial disease and their impact on status epilepticus
Shamama Rahman

14.30 - 15.00  Fenfluramine: a possible treatment for acute repetitive seizures?
Lieven Lagae

15.00 - 15.30  The promise of new valproic acid amide derivatives in status epilepticus
Meir Bialer

15.30 - 16.00  Propofol Prodrug for the Treatment of Acute Repetitive Seizures
Mike Rogawski

14.00 - 15.30  Parallel session: Workshop - Data blitz (Basic science)
Chairs: Rob Wykes, David Henshall

16.00 - 16.30  Valedictum
Simon Shorvon, Eugen Trinka, Matthew Walter

End of Colloquium and Farewell Drinks