



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 Trinkka, Matthew Walker

09.30 - 12.40

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 Legriél

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

19.30 **Colloquium Dinner**
at The Athenaeum Club, London



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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

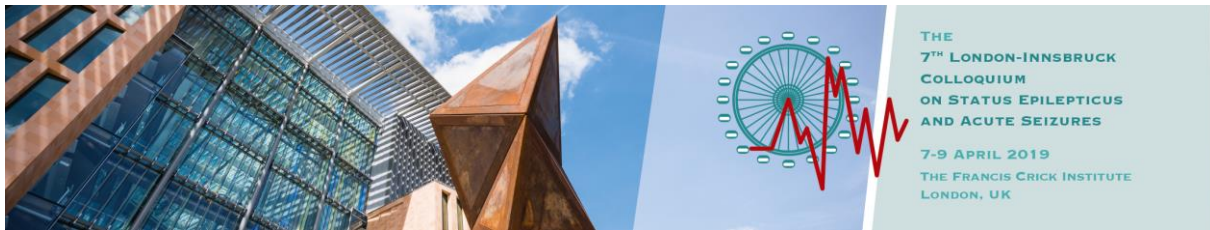
14.30 - 16.00

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



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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



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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**