

**THE
7TH LONDON-INNSBRUCK
COLLOQUIUM
ON STATUS EPILEPTICUS
AND ACUTE SEIZURES**

7-9 APRIL 2019

**THE FRANCIS CRICK INSTITUTE
LONDON, UK**

**HELD UNDER THE AUSPICES OF
THE ILAE BRITISH CHAPTER**

Registration and abstract submission on:

WWW.STATUSEPILEPTICUS.EU



LIST OF FACULTY

Sándor Beniczky, Denmark
Meir Bialer, Israel
Peter Blain, UK
Tom Bleck, USA
Ahmad Beydoun, Lebanon
Richard Chin, United Kingdom
Hannah Cock, United Kingdom
Andrew Cole, USA
Mark Cook, Australia
Peter Crino, USA
Helen Cross, United Kingdom
Monica Ferlisi, Italy
Alon Friedman, Canada
Renzo Guerrini, Italy
Cecil Hahn, Canada
Raimond Helbok, Austria
David Henshall, Ireland
Sarah Hocker, USA
Reetta Kälviäinen, Finland
Jaideep Kapur, USA
Christoph Kellinghaus, Germany
Matthias Koepf, United Kingdom
Dimitri Kullmann, United Kingdom
Lieven Lagae, Belgium
Stéphane Legriél, France
Markus Leitinger, Austria
Holger Lerche, Germany
Brian Litt, USA
Tobias Loddenkemper, USA
Daniel Lowenstein, USA
Rosalyn Moran, United Kingdom
Ronit Pressler, United Kingdom
Ashalatha Radhakrishnan, India
Shamima Rahman, United Kingdom
Michael Rogawski, USA
James Rothman, United Kingdom
Stephan Ruegg, Germany
Simon Shorvon, United Kingdom
Nicola Specchio, Italy
Eugen Trinká, Austria
Annamaria Vezzani, Italy
Matthew Walker, United Kingdom
Claude Wasterlain, USA
Rob Wykes, United Kingdom



PROGRAMME

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. Details on the programme you find on <https://ilaebritish.org.uk/events/eeg-in-status-epilepticus-and-on-the-intensive-care-unit/>

SUNDAY, APRIL 7TH, 2019

- 09.15 - 09.30** **Introduction**
Simon Shorvon, Eugen Trinka, 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 status epilepticus
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 Kälviäinen, Lieven Lagae

Management of status epilepticus in palliative care patients
Reeta Kälviäinen

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

Ashalatha Radhakrishnan

16.00 - 16.30 Coffee break

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

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

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

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

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 Kälviäinen

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
Nicola 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

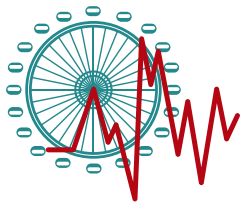
16.30 - 18.00 **Parallel session: Data blitz – Clinical**

Chairs: Sarah Hocker, Monica Ferlisi

TUESDAY, APRIL 9TH, 2019

- 08.30 - 10.00** **Session 9: Sponsored talks, part I: Novel drugs and devices in development in status epilepticus and acute seizures**
Chairs: Daniel Lowenstein, Matthias Koepp
- 10.00 - 10.30 Coffee break
- 10.30 - 12.00** **Session 9: Sponsored talks, part II: Novel drugs and devices in development in status epilepticus and acute seizures**
Chairs: Daniel Lowenstein, Matthias Koepp
- 12.00 - 13.00 Lunch & Posters
- 13.00 - 14.00** **Session 10: Novel treatment approaches in status epilepticus**
Chairs: Brian Litt, Simon Shorvon
- 13.00 - 13.30 Lessons from the Sage trial
Andrew Cole
- 13.30 - 14.00 Polytherapy for status epilepticus: the proof of the pudding
Claude Wasterlain
- 14.00 - 14.30 Coffee break
- 14.30 - 16.30** **Session 11: Novel drugs in the treatment of status epilepticus**
Chairs: Nicola Specchio, Tobias Loddenkemper
- 14.30 - 15.00 New treatments of mitochondrial disease and their impact on status epilepticus
Shamima Rahman
- 15.00 - 15.30 Fenfluramine: a possible treatment for acute repetitive seizures?
Lieven Lagae
- 15.30 - 16.00 The promise of new valproic acid amide derivatives in status epilepticus
Meir Bialer
- 16.00 - 16.30 Propofol prodrug for the treatment of acute repetitive seizures
Mike Rogawski
- 14.30 - 16.30** **Parallel session: Workshop - Data blitz (Basic science)**
Chairs: Rob Wykes, David Henshall
- 16.30 - 17.00** **Valedictum**
Simon Shorvon, Eugen Trinka, Matthew Walter

End of Colloquium and farewell drinks



THE
7TH LONDON-INNSBRUCK
COLLOQUIUM
ON STATUS EPILEPTICUS
AND ACUTE SEIZURES

7-9 APRIL 2019
THE FRANCIS CRICK INSTITUTE
LONDON, UK

Early fee deadline: January 31, 2019
Abstract deadline: January 20, 2019

**REGISTRATION &
ABSTRACT SUBMISSION:**

WWW.STATUSEPILEPTICUS.EU

COLLOQUIUM CHAIRS

SIMON SHORVON, LONDON, UK
EUGEN TRINKA, SALZBURG, AUSTRIA
MATTHEW WALKER, LONDON, UK

REGISTRATION & ABSTRACT SUBMISSION

WWW.STATUSEPILEPTICUS.EU

CONFERENCE ORGANISATION

PCO TYROL CONGRESS
MS. INA KÄHLER
RENNWEG 3, 6020 INNSBRUCK
T: +43-(0)512-57 56 00
F: +43-(0)512-57 56 07
E: STATUS@CMI.AT

INDUSTRIAL EXHIBITION & SPONSORSHIP

S12! STUDIO 12 GMBH
MR. RALPH KERSCHBAUMER
KAISER JOSEF STRASSE 9
6020 INNSBRUCK / AUSTRIA
T: +43 (0)512 890438
F: +43 (0)512 890438 15
E: OFFICE@STUDIO12.CO.AT