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
Nadir Bharucha, India
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
Raimund Helbok, Austria
David Henshall, Ireland
Sarah Hocker, USA
Reetta Kälviäinen, Finland
Jaideep Kapur, USA
Christoph Kellinghaus, Germany
Matthias Koepp, United Kingdom
Dimitri Kullmann, United Kingdom
Lieven Lagae, Belgium
Stéphane Legriel, 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 Trinka, 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

Why do patients die after status epilepticus?
Sarah Hocker
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<thead>
<tr>
<th>Time</th>
<th>Session 2: Biomarkers</th>
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<tbody>
<tr>
<td>14.00 - 16.00</td>
<td>Chairs: Peter Crino, Claude Wasterlain</td>
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<tr>
<td>14.00 - 14.40</td>
<td>MicroRNAs as biomarkers and treatment targets in status epilepticus</td>
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<td>David Henshall</td>
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<tr>
<td>14.40 - 15.20</td>
<td>Biomarkers of inflammation and reactive oxygen species in status epilepticus; implications for therapy</td>
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<td>Annamaria Vezzani</td>
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<td>15.20 - 16.00</td>
<td>Blood-brain barrier disruption in status epileptics; mechanisms and role in epileptogenesis</td>
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<td>Alon Friedman</td>
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<tr>
<th>Time</th>
<th>Parallel session: Workshop - Clinical research and orphan conditions</th>
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<tr>
<td>14.00 - 16.00</td>
<td>Chairs: Reeta Kälviäinen, Lieven Lagae</td>
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<td></td>
<td>Management of status epilepticus in palliative care patients</td>
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<td>Reeta Kälviäinen</td>
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<td>Status epilepticus in pregnancy - can we frame a uniform treatment protocol?</td>
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<td>Ashalatha Radhakrishnan</td>
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| Time       | Coffee break                                                                          |

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<tr>
<th>Time</th>
<th>Session 3: Physical treatments of status epilepticus</th>
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<td>16.30 - 17.40</td>
<td>Chairs: Tom Bleck, Matthias Koepp</td>
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<td>16.30 - 17.10</td>
<td>Hypothermia as a treatment of status epilepticus</td>
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<td>Stéphane Legriel</td>
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<td>17.10 - 17.40</td>
<td>Neurostimulation in the treatment of status epilepticus</td>
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<td>Eugen Trinka</td>
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<tr>
<th>Time</th>
<th>Colloquium Dinner</th>
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<td>19.30</td>
<td>at The Athenaeum Club, London</td>
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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

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
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speakers</th>
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<tr>
<td>14.30 - 16.00</td>
<td><strong>Parallel session: Workshop - Status epilepticus due to nerve gases and poisons</strong>&lt;br&gt;Chair: Tom Bleck</td>
<td><em>Neurological consequences of organophosphate poisoning&lt;br&gt;Peter Blain&lt;br&gt;Role of KCNQ2/3 potassium channels in cholinergic status epilepticus&lt;br&gt;Jaideep Kapur</em></td>
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<td>16.00 - 16.30</td>
<td><strong>Coffee break</strong></td>
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<td>16.30 - 18.30</td>
<td><strong>Session 8: Paediatrics and research networks</strong>&lt;br&gt;Chairs: Richard Chin, Cecil Hahn</td>
<td><em>The treatable causes of neonatal status epilepticus&lt;br&gt;Ronit Pressler&lt;br&gt;The SENSE registry of status epilepticus&lt;br&gt;Christoph Kellinghaus&lt;br&gt;The European Reference Network for rare and complex epilepsies&lt;br&gt;epiCARE and its role in status epilepticus&lt;br&gt;Helen Cross&lt;br&gt;Update on North American pediatric convulsive status epilepticus&lt;br&gt;Research Networks&lt;br&gt;Tobias Loddenkemper</em></td>
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<td>16.30 - 18.30</td>
<td><strong>Parallel session: Data blitz – Clinical</strong>&lt;br&gt;Chairs: Sarah Hocker, Monica Ferlisi</td>
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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, Nadir Bharucha

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
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The Francis Crick Institute
London, UK

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