

**8th Eilat International Educational Course:
PHARMACOLOGICAL TREATMENT OF EPILEPSY**

Jerusalem, Israel, September 8-13, 2019

ILAE - CEA

under the auspices of
The International League Against Epilepsy - Commission on European Affairs (ILAE-CEA)

ORGANIZING COMMITTEE

S.I. Johannessen, Norway, *Chairperson*
M. Bialer, Israel
J.H. Cross, UK
A. Guekht, Russia
N. Specchio, Italy
T. Tomson, Sweden
E. Trinka, Austria

COURSE PROGRAM

SUNDAY, SEPTEMBER 8, 2019

All day Arrival and hotel check-in

16:00 Registration and Distribution of Course Material

19:30 Get-Together, Prima Royale Hotel

MONDAY, SEPTEMBER 9, 2019

08:30 - 09:15 **Opening Session** Auditorium de Button

WELCOME ADDRESS AND INTRODUCTION TO THE COURSE

S.I. Johannessen, Chair, Organizing Committee, Norway
M. Bialer, CEA Past Chair and Organizing Committee, Israel
E. Trinka, CEA Chair and Organizing Committee Austria
E. Perucca, ILAE Past President, Italy

INTRODUCTION TO THE COURSE
T. Tomson, Organizing Committee, Sweden

STUDENT INTRODUCTIONS
Each student to present him/herself

09:15 - 10:00 **Introductory Lecture** Auditorium de Button

Chairpersons: **E. Beghi**, Italy
T. Tomson, Sweden

09:15 DEFINITIONS, CLASSIFICATION AND EPIDEMIOLOGY OF SEIZURES,
STATUS EPILEPTICUS AND EPILEPSIES
E. Perucca, Italy (for definition/classification)
E. Beghi, Italy (for epidemiology of Seizures and Epilepsies)
E. Trinka, Austria (for status epilepticus)

09:45 Discussion



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MONDAY, SEPTEMBER 9, 2019 (continued)

10:00 - 12:15 Session I: Auditorium de Button
THE PHARMACOLOGY OF AEDs

Chairpersons: **E. Perucca**, Italy
C. Johannessen Landmark, Norway

10:00 ANTISEIZURE MEDICINES: MECHANISMS OF ACTION AND RATIONAL
POLYPHARMACY
H.S. White, USA

10:45 Discussion

11:00 *Coffee Break*

11:30 EXPERIMENTAL MODELS FOR THE DISCOVERY AND TESTING OF NEW
AEDs
H.S. White, USA

12:00 Discussion

12:15 - 15:45 Session II: Auditorium de Button
**PHARMACOKINETICS AND
THERAPEUTIC DRUG MONITORING**

Chairpersons: **M. Bialer**, Israel
E. Perucca, Italy

12:15 BASIC PRINCIPLES OF PHARMACOKINETICS, WITH CLINICAL EXAMPLES
M. Bialer, Israel

13:00 Discussion

13:15 *Light Lunch*

14:15 PHARMACOKINETIC VARIABILITY OF AEDs IN SPECIAL PATIENT
POPULATIONS
C. Johannessen Landmark, Norway

14:45 Discussion

15:00 THERAPEUTIC DRUG MONITORING IN AED THERAPY
S.I. Johannessen, Norway

15:30 Discussion



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MONDAY, SEPTEMBER 9, 2019 (continued)

15:45 *Coffee Break*

16:15 - 17:15 **POSTER PRESENTATIONS I** Auditorium de Button
5 minutes each

17:15 EMERGING AND FUTURE THERAPIES
E. Perucca, Italy or **M. Bialer**, Israel

18:00 Discussion

19:30 *Dinner*

TUESDAY, SEPTEMBER 10, 2019

08:30 - 10:15 Session III: Auditorium de Button
DRUG INTERACTIONS

Chairpersons: **M. Bialer**, Israel
H. S. White, USA

08:30 MECHANISMS AND PREDICTIONS OF PHARMACOKINETIC INTERACTIONS
OF AEDS –THEORETICAL ASPECTS
R.H. Levy, USA

09:15 Discussion

09:30 CLINICALLY RELEVANT DRUG INTERACTIONS, WITH EXAMPLES
R.H. Levy, USA

10:00 Discussion

10:15 *Coffee Break*



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WEDNESDAY, SEPTEMBER 11, 2019

08:30 - 12:30 Session V: Auditorium de Button
ASSESSING EFFICACY AND SAFETY (2)

Chairpersons: **E. Perucca**, Italy
T. Tomson, Sweden

08:30 THE 4 PHASES OF DRUG DEVELOPMENT AND REGULATORY AFFAIRS
M. Bialer, Israel

09:15 Discussion

09:30 STATISTICAL PRINCIPLES APPLIED TO DESIGN AND ANALYSIS OF
CLINICAL TRIALS
M. Bialer, Israel and **E. Beghi**, Italy

10:00 Discussion

10:15 *Coffee break*

10:45 ANTIEPILEPTOGENESIS TRIALS
M. Koepp, UK

11:15 Discussion

11:30 CRITICAL INTERPRETATION OF DRUG TRIALS IN EPILEPSY
E. Perucca, Italy

12:15 Discussion

12:30 *Light Lunch*

13:30 - 14.30 **POSTER PRESENTATIONS III** Auditorium de Button
5 minutes each

15:00 *Afternoon walking tour (to depart directly after sessions)*

19:30 *Dinner*



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THURSDAY, SEPTEMBER 12, 2019

08:30 - 09:15 Session VI: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT (1)

Chairpersons: **M. Koepf**, UK,
M. Neufeld, Israel

08:30 ADVERSE EFFECTS OF ANTIEPILEPTIC DRUGS
E. Trinka, Austria

09:00 Discussion

09:15 - 10:15 **POSTER PRESENTATIONS IV** Auditorium de Button
5 minutes each

10:15 *Coffee break*

10:45 - 18:30 Session VI: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT (1) Continued

Chairpersons: **J.H. Cross**, UK
M. Koepf, UK

10:45 SPECIFICITIES OF TRIAL DESIGN FOR CHILDREN
J.H. Cross, UK

11:30 Discussion

11:45 SELECTION OF DRUGS FOR INITIAL TREATMENT OF CHILDREN
J.H. Cross, UK

12:15 Discussion

12:30 *Light Lunch*

13:30 SELECTION OF DRUGS FOR INITIAL TREATMENT OF ADULTS
E. Trinka, Austria

14:00 Discussion



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E. Trinka, Austria

THURSDAY, SEPTEMBER 12, 2019 (Continued)

- 14:15 WHAT STRATEGY WHEN THE INITIAL DRUG FAILS
 E. Beghi, Italy
- 14:45 Discussion
- 15:00 *Coffee break*
- 15:30 THE MEDICAL TREATMENT OF CHRONIC EPILEPSY
 S. Shorvon, UK
- 16:00 Discussion
- 16:15 SEVERE CHILDHOOD EPILEPSIES
 F. Vigevano, Italy
- 16:45 Discussion
- 17:00 SEIZURE AGGRAVATION BY ANTIEPILEPTIC DRUGS
 E. Perucca, Italy
- 17:30 Discussion
- 17:45 TERMINATION OF AED THERAPY IN SEIZURE FREE PATIENTS
 M. Koepp, UK
- 18:15 Discussion
- 19:30 *Dinner*



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FRIDAY, SEPTEMBER 13, 2019

08:30 - 12:45 Session VII: Auditorium de Button
**OPTIMIZING MEDICAL MANAGEMENT (2):
SPECIAL SITUATIONS/SPECIAL GROUPS**

Chairpersons: **E. Trinka**, Austria
F. Vigevano, Italy

08:30 META-ANALYSIS: ADVANTAGES AND LIMITATIONS
E. Beghi, Italy

09:00 Discussion

09:15 PHARMACOLOGICAL TREATMENT OF STATUS EPILEPTICUS AND ACUTE
REPETITIVE SEIZURES
S. Shorvon, UK

09:45 Discussion

10:00 *Coffee break*

10:30 PEDIATRICS 1 IDIOPATHIC EPILEPSIES: OUTCOME AND MANAGEMENT
F. Vigevano, Italy

11:00 Discussion

11:15 PEDIATRICS 2 ALTERNATIVE TREATMENTS IN PAEDIATRICS
N. Specchio, Italy

11:45 Discussion

12:00 TREATMENT OF EPILEPSIES IN THE ELDERLY
M. Neufeld, Israel

12:30 Discussion

12:45 *Lunch*

13:45 – 14:45 **POSTER PRESENTATIONS V** Auditorium de Button
5 minutes each



