

under the auspices of  
The International League Against Epilepsy (ILAE - EUROPE)  
The Hebrew University of Jerusalem  
Israel League Against Epilepsy  
CURE: Citizens United for Research in Epilepsy  
Eilat Conferences' Organizing Committee

ORGANIZING COMMITTEE  
**S.I. Johannessen**, Norway, *Chairperson*  
**M. Bialer**, Israel  
**J.H. Cross**, UK  
**C. Johannessen Landmark**, Norway  
**E. Perucca**, Australia  
**N. Specchio**, Italy  
**T. Tomson**, Sweden  
**E. Trinka**, Austria

## COURSE PROGRAM

### SUNDAY, OCTOBER 8, 2023

All day      Arrival and hotel check-in  
17:00      Registration and distribution of course material  
19:30      Get-together, Prima Royale Hotel

### MONDAY, OCTOBER 9, 2023

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08:00 - 08:45      **Opening Session**      Auditorium de Button

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#### WELCOME ADDRESS AND INTRODUCTION TO THE COURSE

**M. Bialer**, ILAE-EUROPE-Past Chair and Organizing Committee, Israel  
**J.H. Cross**, ILAE-President and Organizing Committee, UK  
**E. Trinka**, ILAE-EUROPE-Past Chair and Organizing Committee, Austria

#### TRIBUTE IN HONOR OF THE LATE ETTORE BEGHI

**M. Bialer**, Israel, **E. Perucca**, Australia, **M. Beghi** (Ettore's son), Italy

#### INTRODUCTION TO THE COURSE

**T. Tomson**, Organizing Committee, Sweden

#### STUDENT INTRODUCTIONS

Each student to present him/herself

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08:45 - 10:30      **Introductory Lecture**      Auditorium de Button

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Chairpersons: **M. Koepp**, UK  
**T. Tomson**, Sweden

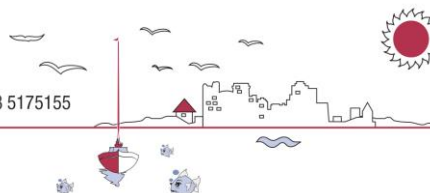
08:45      DEFINITIONS AND CLASSIFICATION OF SEIZURES AND EPILEPSIES  
**J.H. Cross**, UK

09:30      Discussion

09:45      EPIDEMIOLOGY AND BURDEN OF SEIZURES AND EPILEPSIES  
**T. Tomson**, Sweden

10:15      Discussion

10:30      *Coffee Break*



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**MONDAY, OCTOBER 9, 2023, continued**

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11:00 - 13:45      Session I:      Auditorium de Botton  
**THE PHARMACOLOGY OF ANTISEIZURE MEDICATIONS (ASMs)**

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

11:00      ASMs: MECHANISMS OF ACTION  
**H.S. White**, USA

11:45      Discussion

12:00      EXPERIMENTAL MODELS FOR THE DISCOVERY AND TESTING OF NEW  
DRUGS TO TREAT SEIZURES AND EPILEPSY  
**H.S. White**, USA

12:30      Discussion

12:45      BASIC PRINCIPLES OF PHARMACOKINETICS, WITH CLINICAL EXAMPLES  
**M. Bialer**, Israel

13:30      Discussion

13:45      *Light Lunch*

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14:45 – 17:15      Session II:      Auditorium de Botton  
**DRUG INTERACTIONS**

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Chairperson : **C. Johannessen Landmark**, Norway  
**S. Shorvon**, UK

14:45      MECHANISMS AND PREDICTIONS OF PHARMACOKINETIC INTERACTIONS  
OF ASMs – THEORETICAL ASPECTS  
**M. Bialer**, Israel

15:15      Discussion

15:30      CLINICALLY RELEVANT DRUG INTERACTIONS, WITH EXAMPLES  
**M. Bialer**, Israel

16:00      Discussion



**10<sup>th</sup> Eilat International Educational Course:**  
**PHARMACOLOGICAL TREATMENT OF EPILEPSY**  
Jerusalem, Israel, October 8-13, 2023



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**MONDAY, OCTOBER 9, 2023, continued**

- 16:15 PHARMACOKINETIC VARIABILITY OF ASMs  
**C. Johannessen Landmark**, Norway
- 16:45 Discussion
- 17:00 *Coffee Break*

17:15 – 18:15 **POSTER PRESENTATIONS I** Auditorium de Botton  
Chairpersons: **J. H. Cross**, UK  
**N. Specchio**, Italy

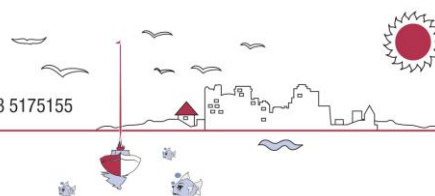
- 18:15 END OF SESSION
- 19:30 *Dinner*

**TUESDAY OCTOBER 10, 2023**

08:00 - 10:00 Session III: Auditorium de Botton  
**TREATMENT ISSUES**

Chairpersons: **E. Trinka**, Austria  
**H. S. White**, USA

- 08:00 STATUS EPILEPTICUS AND ACUTE REPETITIVE SEIZURES AND ITS  
TREATMENT  
**S. Shorvon**, UK
- 08:45 Discussion
- 09:00 HORRIBLE HISTORIES: DRUG TREATMENT IN EPILEPSY  
**S. Shorvon**, UK
- 09:45 Discussion
- 10:00 *Coffee Break*



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**E. Trinka**, Austria

**TUESDAY, OCTOBER 10, 2023, continued**

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10:30 - 11:45 **CLINICAL CASES: PHARMACOTHERAPY**  
(2 groups) Auditorium de Botton & Fostel Room

Tutors:

**S. Auvin**, France, **M. Bialer**, Israel, **S. Eyal**, Israel,  
**C. Johannessen Landmark**, Norway, **E. Perucca**, Australia,  
**T. Shekh-Ahmad**, Israel, **T. Tomson**, Sweden

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11:45 - 12:45 **POSTER PRESENTATIONS II** Auditorium de Botton  
Chairpersons: **J.H. Cross**, UK  
**E. Trinka**, Austria

12:45 *Light Lunch*

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13:45 - 17:00 Session IV: Auditorium de Botton  
**INITIAL TREATMENT DECISION MAKING**

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

13:45 WHEN TO TREAT AND WITH WHAT DOSE?  
**T. Tomson**, Sweden

14:15 Discussion

14:30 PRINCIPLES AND APPLICATION OF THERAPEUTIC DRUG MONITORING IN  
EPILEPSY  
**C. Johannessen Landmark**, Norway and **T. Tomson**, Sweden

15:00 Discussion

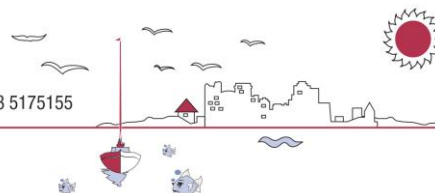
15:15 SELECTION OF DRUGS FOR INITIAL TREATMENT OF ADULTS  
**E. Trinka**, Austria

15:45 Discussion

16:00 *Coffee Break*

16:30 SELECTION OF DRUGS FOR INITIAL TREATMENT OF CHILDREN  
**N. Specchio**, Italy

16:45 Discussion



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**N. Specchio**, Italy  
**T. Tomson**, Sweden  
**E. Trinka**, Austria

**TUESDAY, OCTOBER 10, 2023, continued**

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17:00 – 18:15 **CLINICAL CASES: TREATMENT DECISION MAKING**  
(2 groups) Auditorium de Botton & Fostel Room

Tutors:

**S. Auvin**, France, **M. Bialer**, Israel, **S. Eyal**, Israel,  
**C. Johannessen Landmark**, Norway, **E. Perucca**, Australia,  
**T. Shekh-Ahmad**, Israel, **T. Tomson**, Sweden

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18:15 END OF SESSIONS

19:30 *Dinner*

**WEDNESDAY, OCTOBER 11, 2023**

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08:00 - 12:30 Session V: Auditorium de Botton  
**ASSESSING EFFICACY AND SAFETY**

Chairpersons: **M. Koepp**, UK  
**E. Trinka**, Austria

08:00 TRIBUTE IN HONOR OF THE LATE RIMMA BAR YOSSEF  
**M. Bialer**, Israel

08:05 THE 4 PHASES OF DRUG DEVELOPMENT AND REGULATORY AFFAIRS  
**M. Bialer**, Israel

08:45 Discussion

09:00 CONTROLLED AND UNCONTROLLED DRUG TRIALS IN EPILEPSY  
**E. Perucca**, Australia

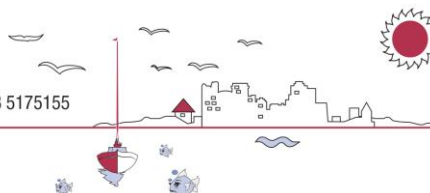
09:30 Discussion

09:45 CRITICAL INTERPRETATION OF DRUG TRIALS IN EPILEPSY  
**E. Perucca**, Australia

10:10 Discussion

10:30 *Coffee break*

11:00 SPECIFICITIES OF TRIAL DESIGNS FOR CHILDREN  
**S. Auvin**, France



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**N. Specchio**, Italy  
**T. Tomson**, Sweden  
**E. Trinka**, Austria

**WEDNESDAY, OCTOBER 11, 2023, continued**

- 11:30 Discussion
- 11:45 **ADVERSE EFFECTS OF ASMs AND THEIR ASSESSMENT**  
**E. Trinka**, Austria
- 12:15 Discussion
- 12:30 *Light Lunch*

13:30 – 14.30 **POSTER PRESENTATIONS III** Auditorium de Botton  
Chairpersons: **H.S. White**, USA  
**C. Johannessen-Landmark**, Norway

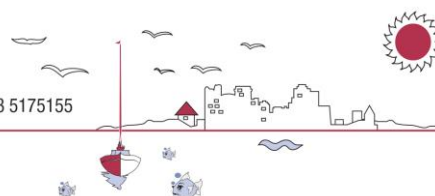
- 15:00 *Afternoon walking tour*
- 19:30 *Dinner*

**THURSDAY, OCTOBER 12, 2023**

08:30 – 12:45 Session VII: Auditorium de Botton  
**OPTIMIZING MEDICAL MANAGEMENT & TREATMENT STRATEGIES (I)**

Chairpersons: **M. Koepp**, UK  
**E.Trinka**, Austria

- 08:30 **WHAT STRATEGY WHEN THE INITIAL DRUG FAILS**  
**E. Perucca**, Australia
- 09:00 Discussion
- 09:15 **NOVEL THERAPEUTIC APPROACHES TO CHILDHOOD EPILEPSIES**  
**N. Specchio**, Italy
- 09:45 Discussion
- 10:00 **PREGNANCY AND BREAST-FEEDING**  
**T. Tomson**, Sweden
- 10:30 Discussion



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**THURSDAY, OCTOBER 12, 2023, continued**

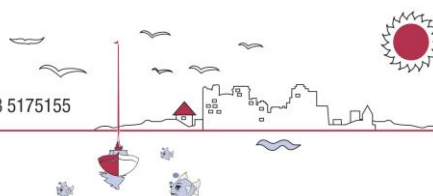
- 10:45 Coffee break
- 11:15 THE MEDICAL TREATMENT OF CHRONIC EPILEPSY AND ITS  
CO-MORBIDITIES  
**M. Koepp, UK**
- 11:45 Discussion
- 12:00 RISKS ASSOCIATED WITH SWITCHING ASM TREATMENTS  
**D. Ekstein, Israel**
- 12:30 Discussion
- 12:45 Light Lunch

13:45 – 14:45 **POSTER PRESENTATIONS IV** Auditorium de Botton  
Chairpersons **D. Ekstein, Israel**  
**M. Koepp, UK**

14:45 - 17:00 Session VII: Auditorium de Botton  
**OPTIMIZING MEDICAL MANAGEMENT & TREATMENT STRATEGIES (I)**  
continued

Chairpersons: **S. Auvin, France**  
**N. Specchio, Italy**

- 14:45 SEIZURE AGGRAVATION BY ASMs  
**E. Perucca, Australia**
- 15:15 Discussion
- 15:30 TERMINATION OF DRUG THERAPY IN SEIZURE-FREE PATIENTS  
**M. Koepp, UK**
- 16:00 Discussion
- 16:15 MANAGEMENT OF PHARMACOLOGICAL TREATMENT POST SURGERY  
**J. H. Cross, UK**
- 16:45 Discussion



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E. Trinka, Austria

**THURSDAY, OCTOBER 12, 2023, continued**

17:00 Coffee break

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17:30 – 18:30	<b>POSTER PRESENTATIONS V</b> Chairpersons: <b>S. Auvin</b> , France <b>N. Specchio</b> , Italy	Auditorium de Botton
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18:30 END OF SESSIONS

19:00 *Dinner*

**FRIDAY, OCTOBER 13, 2023**

08:30 **Ceremony: Course diplomas presented to participants**

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09:00 - 14:30	Session VIII: <b>OPTIMIZING MEDICAL MANAGEMENT (II): SPECIAL SITUATIONS/SPECIAL GROUPS</b>	Auditorium de Botton
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Chairpersons: **M. Neufeld**, Israel  
**F. Vigevano**, Italy

09:00 THERAPIES OF AUTOIMMUNE ENCEPHALITIS-ASSOCIATED EPILEPSIES  
**E. Trinka**, Austria

09:30 Discussion

09:45 COGNITIVE COMORBIDITIES IN SEVERE EPILEPSIES OF CHILDHOOD: CAN WE INFLUENCE THE OUTCOME?  
**F. Vigevano**, Italy

10:30 *Coffee break*

11:00 IDIOPATHIC GENERALIZED EPILEPSIES: OUTCOME AND MANAGEMENT  
**F. Vigevano**, Italy

11:30 Discussion

11:45 TREATMENT OF EPILEPSIES IN THE ELDERLY  
**M. Neufeld**, Israel





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**E. Trinka**, Austria

**FRIDAY, OCTOBER 13, 2023, continued**

- 12:15 Discussion
- 12:30 *Lunch*
- 13:30 EMERGING AND FUTURE THERAPIES  
**E. Perucca**, Australia
- 14:15 Discussion
- 14:30 *Coffee Break*

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15:00- 17:30 **JOURNAL CLUB TUTORIAL**  
(2 groups) Auditorium de Botton & Fostel Room

Tutors: **F. Benninger**, Israel, **J.H. Cross**, UK, **D. Ekstein**, Israel, **F. Fahoum**, Israel,  
**M. Neufeld**, Israel, **E. Perucca**, Australia, **N. Specchio**, Italy,  
**S. Uliel-Sibony**, Israel, **F. Vigevano**, Italy

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19:30 *Dinner*

