10th Eilat International Educational Course:
PHARMACOLOGICAL TREATMENT OF EPILEPSY
Jerusalem, Israel, October 8-13, 2023

under the auspices of
The International League Against Epilepsy (ILEA - 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

08:00 - 08:30 **Opening Session** Auditorium de Button

WELCOME ADDRESS AND INTRODUCTION TO THE COURSE

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

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

STUDENT INTRODUCTIONS
Each student to present him/herself

08:30 - 10:15 **Introductory Lecture** Auditorium de Button

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

08:30 DEFINITIONS AND CLASSIFICATION OF SEIZURES AND EPILEPSIES
J.H. Cross, UK

09:15 Discussion

09:30 EPIDEMIOLOGY AND BURDEN OF SEIZURES AND EPILEPSIES
T. Tomson, Sweden

10:00 Discussion

10:15 *Coffee Break*

65 Derech Menachem Begin
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E-mail: eilatedu@target-conferences.com, www.eilat-aeds.com

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MONDAY, OCTOBER 9, 2023, continued

10:45 - 13:30 Session I: Auditorium de Button
THE PHARMACOLOGY OF ANTISEIZURE MEDICATIONS (ASMs)

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

10:45 ASMs: MECHANISMS OF ACTION
H.S. White, USA

11:30 Discussion

11:45 EXPERIMENTAL MODELS FOR THE DISCOVERY AND TESTING OF NEW DRUGS TO TREAT SEIZURES AND EPILEPSY
H.S. White, USA

12:15 Discussion

12:30 BASIC PRINCIPLES OF PHARMACOKINETICS, WITH CLINICAL EXAMPLES
M. Bialer, Israel

13:15 Discussion

13:30 *Light Lunch*

14:30 – 15:30 **POSTER PRESENTATIONS I** Auditorium de Button
Chairpersons: **J. H. Cross,** UK
N. Specchio, Italy

15:30 – 17:15 Session II: *Auditorium de Button*
DRUG INTERACTIONS

Chairperson **: C. Johannessen Landmark,** Norway
E. Trinka, Austria

15:30 MECHANISMS AND PREDICTIONS OF PHARMACOKINETIC INTERACTIONS OF ASMs – THEORETICAL ASPECTS
R.H. Levy, USA

16:00 Discussion

16:15 *Coffee Break*

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MONDAY, OCTOBER 9, 2023, continued

16:30 CLINICALLY RELEVANT DRUG INTERACTIONS, WITH EXAMPLES
R.H. Levy, USA

17:00 Discussion

17:15 PHARMACOKINETIC VARIABILITY OF ASMs
C. Johannessen Landmark, Norway

17:45 Discussion

18:00 END OF SESSION

19:30 *Dinner*

TUESDAY OCTOBER 10, 2023

08:00 - 09:45 Session III: Auditorium de Button
THERAPEUTIC DRUG MONITORING AND DRUG DEVELOPMENT

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

08:00 PRINCIPLES AND APPLICATION OF THERAPEUTIC DRUG MONITORING IN EPILEPSY
S.I. Johannessen, Norway and **T. Tomson,** Sweden

08:45 Discussion

09:00 THE 4 PHASES OF DRUG DEVELOPMENT AND REGULATORY AFFAIRS
M. Bialer, Israel

09:45 Discussion

10:00 *Coffee Break*

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TUESDAY, OCTOBER 10, 2023, continued

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

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

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11:45 - 12.45 **POSTER PRESENTATIONS II** Auditorium de Button
Chairpersons: **J.H. Cross**, UK
E. Trinka, Austria

12:45 *Light Lunch*

13:45 - 16:30 Session IV: Auditorium de Button
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 SELECTION OF DRUGS FOR INITIAL TREATMENT OF ADULTS
E. Trinka, Austria

15:00 Discussion

15:30 *Coffee Break*

15:45 SELECTION OF DRUGS FOR INITIAL TREATMENT OF CHILDREN
N. Specchio, Italy

16:15 Discussion

TUESDAY, OCTOBER 10, 2023, continued

16:30 – 17:45 **CLINICAL CASES: TREATMENT DECISION MAKING**
(2 Groups) Auditorium de Button & Fostel Room

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

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17:15 END OF SESSIONS

19:30 *Dinner*

WEDNESDAY, OCTOBER 11, 2023

08:00 - 12:45 Session V: Auditorium de Button
ASSESSING EFFICACY AND SAFETY

Chairpersons**:** **M. Koepp**, UK
S. Shorvon, UK

08:00 CONTROLLED AND UNCONTROLLED DRUG TRIALS IN EPILEPSY
E. Perucca, Australia

08:45 Discussion

09:00 CRITICAL INTERPRETATION OF DRUG TRIALS IN EPILEPSY
E. Perucca, Australia

09:30 Discussion

09:45 *Coffee break*

10:15 SPECIFICITIES OF TRIAL DESIGNS FOR CHILDREN
S. Auvin, France

10:45 Discussion

11:00 ADVERSE EFFECTS OF ASMs AND THEIR ASSESSMENT
E. Trinka, Austria

11:30 Discussion

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WEDNESDAY, OCTOBER 11, 2023, continued

11:45 - 12:30 Session VI: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT & TREATMENT STRATEGIES (I)

11:45 STATUS EPILEPTICUS AND ACUTE REPETITIVE SEIZURES AND ITS TREATMENT
S. Shorvon, UK

12:15 Discussion

12:30 *Light Lunch*

13:30 - 14.30 **POSTER PRESENTATIONS III** Auditorium de Button
Chairpersons: **H.S. White,** USA
S. Shorvon, UK

15:00 *Afternoon walking tour*

19:30 *Dinner*

THURSDAY, OCTOBER 12, 2023

08:30 - 10:45 Session VI: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT & TREATMENT STRATEGIES (I)
(continued)

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 APROACHES 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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E. Trinka, Austria

10:45 *Coffee break*

THURSDAY, OCTOBER 12, 2023, continued

11:15 – 12:15 **POSTER PRESENTATIONS IV** Auditorium de Button
Chairpersons: **C. Johannesen Landmark**, Norway
M. Koepp , UK

12:15 *Light Lunch*

13:15 - 16:45 Session VI: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT (I) continued

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

13:15 THE MEDICAL TREATMENT OF CHRONIC EPILEPSY AND ITS MORBIDITIES
M. Koepp , UK

13:45 Discussion

14:00 SEIZURE AGGRAVATION BY ASMs
E. Perucca, Australia

14:30 Discussion

14:45 *Coffee break*

15:15 HORRIBLE HISTORIES: DRUG TREATMENT IN EPILEPSY
S. Shorvon, UK

15:45 Discussion

16:00 TERMINATION OF DRUG THERAPY IN SEIZURE FREE PATIENTS
M. Koepp, UK

16:30 Discussion

16:45 MANAGEMENT OF PHARMACOLOGICAL TREATMENT POST SURGERY
J. H. Cross, UK

17:30 – 18:30 **POSTER PRESENTATIONS V** Auditorium de Button
Chairpersons: **S. Auvin, France**
S. Shorvon, UK

18:30 END OF SESSIONS

19:30 *Dinner*

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FRIDAY, OCTOBER 13, 2023

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

09:00 - 14:30 Session VII: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT (II): SPECIAL SITUATIONS/SPECIAL GROUPS

Chairpersons: **M. Neufeld,** Israel
F. Vigevano, Italy

09:00 THERAPIES IN IMMUNE MEDIATED EPILEPSIES
E. Trinka, Austria

09:30 Discussion

09:45 TREATMENT STRATEGIES IN EARLY ONSET EPILEPSIES AND DRUG-RESISTANT EPILEPSIES IN CHILDHOOD
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

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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FRIDAY, OCTOBER 13, 2023, continued

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

Tutors:
S. Auvin, France**, F. Beninger**, Israel, **J.H. Cross,** UK**, F. Fahoum**, Israel,
M. Neufeld, Israel, **E. Perucca,** Australia, **S. Shorvon**, UK,
T. Tomson,Sweden, **S. Uliel-Sibony,** Israel and **F. Vigevano,** Italy

19:30 *Dinner*