

## COURSE PROGRAM

### SUNDAY, OCTOBER 11, 2015

- All day      Arrival and hotel check-in
- 16:00        Registration and Distribution of Course Material
- 19:30        Get-Together, Prima Royale Hotel

### MONDAY, OCTOBER 12, 2015

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

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#### WELCOME ADDRESS AND INTRODUCTION TO THE COURSE

**S.I. Johannessen**, Chair, Organizing Committee, Norway  
**M. Bialer**, CEA Chair and Member of the Organizing Committee, Israel

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

STUDENT INTRODUCTIONS  
Each student to present him/herself

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

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

09:15      DEFINITIONS, CLASSIFICATION AND EPIDEMIOLOGY OF SEIZURES AND EPILEPSY  
**J.H. Cross**, UK (for definition/classification)  
**E. Beghi**, Italy (for epidemiology)

09:45      Discussion



**MONDAY, OCTOBER 12, 2015 (continued)**

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

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Chairpersons: **S.I. Johannessen**, Norway  
**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 AEDs  
**H.S. White**, USA

12:00      Discussion

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12:15 - 15:30      Session II:      Auditorium de Button  
**PHARMACOKINETICS AND  
THERAPEUTIC DRUG MONITORING**

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Chairpersons: **M. Bialer**, Israel  
**R.H. Levy**, USA

12:15      BASIC PRINCIPLES OF PHARMACOKINETICS  
**M. Bialer**, Israel

12:45      Discussion

13:00      *Light Lunch*

14:00      PHARMACOKINETIC VARIABILITY OF AEDs IN SPECIAL PATIENT POPULATIONS,  
WITH CLINICAL EXAMPLES  
**C. Johannessen Landmark**, Norway

14:30      Discussion

14:45      IMPLEMENTATION OF THERAPEUTIC DRUG MONITORING IN AED THERAPY,  
WITH CLINICAL EXAMPLES  
**S.I. Johannessen**, Norway

15:15      Discussion

15:30      *Coffee Break*



ORGANIZING COMMITTEE  
**S.I. Johannessen**, Norway, *Chair*  
**M. Bialer**, Israel  
**J.H. Cross**, UK  
**A. Guekht**, Russia  
**T. Tomson**, Sweden  
**E. Trinka**, Austria

**MONDAY, OCTOBER 12, 2015 (continued)**

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16:00 – 17:00      **POSTER PRESENTATIONS I (5 minutes each)**      Auditorium de Button

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19:30      *Dinner*

**TUESDAY, OCTOBER 13, 2015**

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

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Chairpersons: **H.S. White**, USA  
**S.I. Johannessen**, Norway

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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10:45 - 12:15      **GUIDED CLINICAL PK CASES  
(IN GROUPS)**      Auditorium de Button,  
& Fostel Room

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Tutors:      **M. Bialer**, Israel, **S. I. Johannessen**, Norway, **C. Johannessen Landmark**, Norway,  
**R.H Levy**, USA, **E. Perucca**, Italy, **T. Tomson**, Sweden

12:15      *Light Lunch*

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13:15 – 14:15      **POSTER PRESENTATIONS II**      Auditorium de Button  
5 minutes each

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**TUESDAY, OCTOBER 13, 2015 (continued)**



6<sup>th</sup> Eilat International Educational Course:  
**PHARMACOLOGICAL TREATMENT OF EPILEPSY**

Jerusalem, Israel, October 11 - 16, 2015

ILAE - CEA

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

ORGANIZING COMMITTEE  
**S.I. Johannessen**, Norway, *Chair*  
**M. Bialer**, Israel  
**J.H. Cross**, UK  
**A. Guekht**, Russia  
**T. Tomson**, Sweden  
**E. Trink**, Austria

14:15      *Coffee Break*

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14:45 - 16:15      **GUIDED CASES: DRUG INTERACTIONS  
AND SPECIAL PATIENT GROUPS  
(IN GROUPS)**

Auditorium de Button  
& Fostel Room

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Tutors:      **M. Bialer**, Israel, **S.I. Johannessen**, Norway,  
**C. Johannessen Landmark**, Norway, **R.H. Levy**, USA, **E. Perucca**, Italy,  
**T. Tomson**, Sweden

19:30      *Dinner*

**WEDNESDAY, OCTOBER 14, 2015**



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08:30 - 12:30      Session IV:      Auditorium de Button  
**ASSESSING EFFICACY AND SAFETY (1)**

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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      CONTROLLED AND UNCONTROLLED TRIALS IN EPILEPSY  
**E. Perucca**, Italy

10:15      Discussion

10:30      *Coffee Break*

11:00      SPECIFICITIES OF TRIAL DESIGN FOR CHILDREN  
**J.H. Cross**, UK

11:30      Discussion

11:45      STATISTICAL PRINCIPLES APPLIED TO DESIGN AND ANALYSIS OF  
CLINICAL TRIALS  
**M. Bialer**, Israel and **E. Beghi**, Italy,

12:15      Discussion

12:30      *Light Lunch*

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

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**WEDNESDAY, OCTOBER 14, 2015 (continued)**



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14:30 - 16:30      Session V:      Auditorium de Button  
**ASSESSING EFFICACY AND SAFETY (2)**

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Chairpersons: **E. Trinka**, Austria  
**T. Tomson**, Sweden

14:30      META-ANALYSIS: ADVANTAGES AND LIMITATIONS  
**E. Beghi**, Italy

15:00      Discussion

15:15      CRITICAL INTERPRETATION OF DRUG TRIALS IN EPILEPSY  
**E. Perucca**, Italy

16:15      Discussion and assignments for the Journal Club

17:00      *Late afternoon walking tour (to depart directly after sessions)*

20:00      *Dinner*

**THURSDAY, OCTOBER 15, 2015**

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08:30 – 09:15      Session V:      Auditorium de Button  
**ASSESSING EFFICACY AND SAFETY (3)**

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Chairpersons:      **J.H. Cross**, UK,  
                                 **M. Neufeld**, Israel

08:30      ADVERSE EFFECTS OF ANTIEPILEPTIC (ANTISEIZURE) DRUGS  
**E. Trinka**, Austria

09:00      Discussion

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

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10:15      *Coffee break*

**THURSDAY, OCTOBER 15, 2015 (continued)**



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10:45 – 17:45 Session VII:  
**OPTIMIZING MEDICAL MANAGEMENT (1)**

Auditorium de Button

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Chairpersons: **J.H. Cross**, UK  
**S. Shorvon**, UK

- 10:45      **WHEN TO TREAT - AND WITH WHAT DOSAGE?**  
**T. Tomson**, Sweden
- 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
- 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
- 19:30      *Dinner*  
**FRIDAY, OCTOBER 16, 2015**



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

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

08:30      TERMINATION OF AED THERAPY IN SEIZURE FREE PATIENTS  
**E. Trinka**, Austria

09:00      Discussion

09:15      STATUS EPILEPTICUS AND ACUTE REPETITIVE SEIZURES  
**S. Shorvon**, UK

09:45      Discussion

10:00      Coffee break

10:30      PREGNANCY AND BREAST-FEEDING  
**T. Tomson**, Sweden

11:00      Discussion

11:15      PEDIATRICS  
**F. Vigevano**, Italy

11:45      Discussion

12:00      EPILEPSY IN THE ELDERLY  
**M. Neufeld**, Israel

12:30      Discussion

12:45      *Lunch*

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

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14:45-16:15      **JOURNAL CLUB TUTORIAL**      Auditorium de Button  
& Fostel Room

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Tutors:      **E. Beghi**, Italy, **J.H Cross**, UK, **E. Perucca**, Italy, **S. Shorvon**, UK, **F. Vigevano**, Italy

19:30      *Dinner*

