

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

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

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
E. Perucca, ILAE 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
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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)

10:00 – 12:15	Session I: THE PHARMACOLOGY OF AEDs	Auditorium de Button
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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	<i>Coffee Break</i>
11:30	EXPERIMENTAL MODELS FOR THE DISCOVERY AND TESTING OF AEDs H.S. White , USA
12:00	Discussion

12:15 - 15:30	Session II: PHARMACOKINETICS AND THERAPEUTIC DRUG MONITORING	Auditorium de Button
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Chairpersons: **M. Bialer**, Israel
E. Perucca, Italy

12:15	BASIC PRINCIPLES OF PHARMACOKINETICS M. Bialer , Israel
12:45	Discussion
13:00	<i>Light Lunch</i>
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	<i>Coffee Break</i>



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MONDAY, OCTOBER 12, 2015 (continued)

16:00 – 17:00	POSTER PRESENTATIONS I (5 minutes each)	Auditorium de Button
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19:30 *Dinner*

TUESDAY, OCTOBER 13, 2015

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

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*

13:15 – 14:15	POSTER PRESENTATIONS II 5 minutes each	Auditorium de Button
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6th Eilat International Educational Course:
PHARMACOLOGICAL TREATMENT OF EPILEPSY

Jerusalem, Israel, October 11 - 16, 2015



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

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TUESDAY, OCTOBER 13, 2015 (continued)

14:15 *Coffee Break*

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

Auditorium de Button
& Fostel Room

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*



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WEDNESDAY, OCTOBER 14, 2015

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

13:30 - 14.30	POSTER PRESENTATIONS III 5 minutes each	Auditorium de Button
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WEDNESDAY, OCTOBER 14, 2015 (continued)

14:30 - 16:30	Session V: ASSESSING EFFICACY AND SAFETY (2)	Auditorium de Button
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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	<i>Late afternoon walking tour (to depart directly after sessions)</i>
20:00	<i>Dinner</i>

THURSDAY, OCTOBER 15, 2015

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

09:15 – 10:15	POSTER PRESENTATIONS IV 5 minutes each	Auditorium de Button
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10:15	<i>Coffee break</i>
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THURSDAY, OCTOBER 15, 2015 (continued)

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

Auditorium de Button

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*



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FRIDAY, OCTOBER 16, 2015

08:30 – 12:45	Session VIII: OPTIMIZING MEDICAL MANAGEMENT (2): SPECIAL SITUATIONS/SPECIAL GROUPS	Auditorium de Button
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Chairpersons: **E. Trink**, Austria
F. Vigevano, Italy

08:30	TERMINATION OF AED THERAPY IN SEIZURE FREE PATIENTS E. Trink , 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	<i>Lunch</i>

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

