

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 - 16:15	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



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MONDAY, OCTOBER 12, 2015 (continued)

12:15 - 16:15	Session II: PHARMACOKINETICS AND THERAPEUTIC DRUG MONITORING	Auditorium de Button
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15:15 Discussion

15:30 *Coffee Break*

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*



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TUESDAY, OCTOBER 13, 2015 (continued)

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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14:15 *Coffee Break*

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

08:30 - 12:30 Session IV:

ASSESSING EFFICACY AND SAFETY (1)

Auditorium de Button

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



WEDNESDAY, OCTOBER 14, 2015 (continued)

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

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

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

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** Auditorium de Button
 5 minutes each

10:15 *Coffee break*



THURSDAY, OCTOBER 15, 2015 (continued)

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

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

08:30 – 19:30 Session VIII:

Auditorium de Button

**OPTIMIZING MEDICAL MANAGEMENT (2):
SPECIAL SITUATIONS/SPECIAL GROUPS**

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*

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

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FRIDAY, OCTOBER 16, 2015 (continued)

14.45-16:15 **JOURNAL CLUB TUTORIAL**

Auditorium de Button
& Fostel Room

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

19:30 *Dinner*

