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

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

09:15 - 10:00  Introductory Lecture

Defintions, Classification and Epidemiology of Seizures and Epilepsy
J.H. Cross, UK (for definition/classification)
E. Beghi, Italy (for epidemiology)
MONDAY, OCTOBER 12, 2015 (continued)

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

Chairpersons:  E. Perucca, Italy  
C. Johannessen Landmark, Norway

10:00  ANTISEIZURE MEDICATIONS: 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

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

Chairpersons:  M. Bialer, Israel  
E. Perucca, Italy

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
MONDAY, OCTOBER 12, 2015 (continued)

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

19:30 Dinner

TUESDAY, OCTOBER 13, 2015

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

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

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
TUESDAY, OCTOBER 13, 2015 (continued)

14:15 Coffee Break

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

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: Auditorium de Button

**ASSESSING EFFICACY AND SAFETY (1)**

**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**  
5 minutes each

10:15  
**Coffee break**
THURSDAY, OCTOBER 15, 2015 (continued)

10:45 – 17:45   Session VII:   Auditorium de Button

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 – 12:45 Session VIII: Auditorium de Butto n
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
Auditorium de Button

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