

COURSE PROGRAM

MONDAY, SEPTEMBER 30, 2013

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

TUESDAY, OCTOBER 1, 2013

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

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 and Member of the Organizing Committee, 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

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

TUESDAY, OCTOBER 1, 2013 (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 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

12:15 - 17:15 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*

14:30 THE PHARMACOKINETICS OF AEDS: AN OVERVIEW
S.I. Johannessen, Norway

15:00 Discussion

15:15 PHARMACOKINETICS OF AEDS IN SPECIAL POPULATIONS
C. Johannessen Landmark, Norway

15:45 Discussion

16:00 *Coffee Break*

16:30 PHARMACOKINETIC OPTIMIZATION OF AED THERAPY UTILIZING TDM
S.I. Johannessen, Norway

17:00 Discussion

19:30 *Dinner*

WEDNESDAY, OCTOBER 2, 2013

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

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

08:30 MECHANISMS AND PREDICTIONS OF PHARMACOKINETIC INTERACTIONS
OF AEDS
R.H. Levy, USA *presented by* **M. Bialer**, Israel

09:15 Discussion

09:30 CLINICALLY RELEVANT DRUG INTERACTIONS
R.H. Levy, USA *presented by* **S.I. Johannessen**, Norway

10:00 Discussion

10:15 *Coffee Break*

10:45 - 12:15 **GUIDED PK PROBLEM
SOLVING EXERCISES (IN GROUPS)** Auditorium de Button,
Room Djanogly Room & Fostel

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

12:15 *Light Lunch*

13:15 – 14:30 **GUIDED POSTER TOUR I** Foyer of Auditorium de
Button

14:30 - 16:30 **DRUG INTERACTIONS
(IN GROUPS)** Auditorium de Button,
Djanogly Room & Fostel Room

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

19:30 *Dinner*

THURSDAY, OCTOBER 3, 2013

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

12:15 Discussion

12:30 *Light Lunch*

13:30 - 15.00 **GUIDED POSTER TOUR II** Foyer of Auditorium de Button

THURSDAY, OCTOBER 3, 2013 (continued)

15:00 - 17:15 Session V: Auditorium de Button
ASSESSING EFFICACY AND SAFETY (2)

Chairpersons: **E. Trink**a, Austria
T. Tomson, Sweden

- 15:00 META-ANALYSIS: PROS AND CONS, A DEBATE
E. Beghi, Italy, **E. Perucca**, Italy
- 15:30 Discussion
- 15:45 CRITICAL INTERPRETATION OF DRUG TRIALS IN EPILEPSY
E. Perucca, Italy
- 16:15 Discussion and assignments for the Journal Club
- 16:30 ADVERSE EFFECTS OF AEDS
E. Trinka, Austria
- 17:00 Discussion
- 17:30 *Late afternoon walking tour and falafel dinner (to depart directly after sessions)*

FRIDAY, OCTOBER 4, 2013

08:30 – 09:15 Session VI: Auditorium de Button
STUDENT PRESENTATIONS

Tutors: **J.H. Cross**, UK, **M. Neufeld**, Israel, **E. Trink**a, Austria, **F. Vigevano**, Italy

08:30 EFFECT OF GABA-B RECEPTOR AGONIST SKF97541 ON CORTICAL AND HIPPOCAMPAL EPILEPTIC AFTERDISCHARGES
P. Fábera, Czech Republic

08:45 DYKE-DAVIDOFF- MASSON SYNDROME: A CASE REPORT
A. Jesic, Serbia

09:00 TWO CASES OF RARE GENETIC *CDKL5* RELATED EPILEPTIC ENCEPHALOPATHY IN ESTONIA
K. Noormets, Estonia

09:15 – 10:00 **GUIDED POSTER TOUR III** Foyer of Auditorium de Button

10:00 *Coffee break*

10:30 – 17:15 Session VII: Auditorium de Button
OPTIMIZING MEDICAL MANAGEMENT (1)

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

10:30 WHEN TO TREAT - AND WITH WHAT DOSAGE?
T. Tomson, Sweden

11:15 Discussion

11:30 SELECTION OF DRUGS FOR INITIAL TREATMENT OF CHILDREN
J.H Cross, UK

12:00 Discussion

12:15 *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

FRIDAY, OCTOBER 4, 2013 (Continued)

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

17:15 SEIZURE AGGRAVATION BY ANTIEPILEPTIC DRUGS
E. Perucca, Italy

17:30 Discussion

19:30 *Dinner*

SATURDAY, OCTOBER 5, 2013

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*

14.00-15:30 **JOURNAL CLUB TUTORIAL** Auditorium de Button
Room Djanogly Room & Fostel

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

19:30 *Dinner*

GUIDED POSTER TOUR I - WEDNESDAY, OCTOBER 2, 2013

Board No.

1. UTILIZATION OF ANTIEPILEPTIC DRUGS IN NON-EPILEPSY DISORDERS IN NORWAY 2008-2010
A. Baftiu, P.G. Larsson, S.I. Johannessen, C. Johannessen Landmark, Norway
2. EPILEPSY CARE IN ARMENIA
M.K. Balasanyan, T. Stepanyan, Z. Khechumyan, N. Nahapetyan, I. Shadyan, M. Ghambaryan, H. Amroyan, V. Mnatsakanyan, H.S. Margaryan, G. Melikyan, N. Yeghiazaryan, Armenia
3. SEIZURE RESPONSE AND TOLERABILITY TO ANTIEPILEPTIC DRUG TREATMENT AMONG DIFFERENT AGE GROUPS
M. Belluzzo, L. Stragapede, F. Monti, G. Pizzolato, Italy
4. COMPLICATIONS OF EPILEPSY SURGERY IN SWEDEN 1996-2010: A PROSPECTIVE, POPULATION-BASED STUDY
J. Bjellvi, A. Edelvik, G. Ekstedt, R. Flink, B. Rydenhag, K. Malmgren, Sweden
5. ADULT ONSET EPILEPSIA PARTIALIS CONTINUA – CASE REPORT
B. Boshkovski, M. Kostov, I. Kuzmanovski, E. Cvetkovska, Macedonia
6. TIME COURSE OF CELL PROLIFERATION IN MAJOR GERMINATIVE ZONES OF THE BRAIN DURING PENTYLENETETRAZOLE KINDLING
L.V. Brylev, V.A. Aniol, M.Y. Stepanichev, N.V. Gulyaeva, Russia
7. THE USE OF ACTH (ADRENOCORTICOTROPIC HORMONE) IN THE THERAPY OF WEST SYNDROME: REVIEW OF LITERATURE AND MONOCENTRIC RETROSPECTIVE STUDY.
P. Cahová, O. Horák, H. Ošlejšková, Czech Republic
8. CASE REPORT: OXCARBAZEPINE EXACERBATED MYOCLONIC ABSENCES (JEAVONS SYNDROME)
I. Camacho Ordoñez, R.A. Solarte Mila, Colombia
9. EPILEPTIC SEIZURES IN MULTIPLE SCLEROSIS: CLINICAL AND EEG CORRELATIONS
T. Chepreganova Changovska, Macedonia
10. INTRACRANIAL EEG SEIZURE ONSET PATTERNS IN UNILATERAL TEMPORAL LOBE EPILEPSY AND THEIR RELATIONSHIP TO OTHER VARIABLES
I. Doležalová, M. Brázdil, M. Hermanová, I. Horáková, I. Rektor, R. Kuba, Czech Republic
11. CLINICAL AND ELECTROENCEPHALOGRAPHIC POLYMORPHISM IN PATIENTS WITH SYMPTOMATIC EPILEPSY DUE TO NEUROCYSTICERCOSIS
N. Gorincioi, Moldova
12. NEUROCYSTICERCOSIS IN THE CARIBBEAN REGION: 1744 CASES TREATED UNDER INSTITUTIONAL PROTOCOL SINCE 1989
J. Fandiño-Franky, **R. Guerra Olivares**, C.S. Piña, Z.M. Torres, V.L. Polo, Z.A. Merlano, C.C. Vitola, J.D. Jiménez, C.E. García, Y.T. Rodríguez, Colombia

GUIDED POSTER TOUR I - WEDNESDAY, OCTOBER 2, 2013 (continued)

Board No.

13. GAMMA-BUTYROLACTONE INDUCED ABSENCE EPILEPSY IN WISTAR RATS
T. Karamahmutoglu, F. Onat, Turkey
14. SHORT TERM OUTCOME OF MYOCLONIC ASTATIC EPILEPSY (MAE)
T. Kipiani, N. Tatishvili, T. Shatirishvili, Georgia

GUIDED POSTER TOUR II - THURSDAY, OCTOBER 3, 2013

Board No.

1. POST-ICTAL PSYCHOGENIC NON-EPILEPTIC SEIZURES A CASE REPORT
H. Kolb, F. Fahoum, M. Neufeld, Israel
2. DEEP AND SUPERFICIAL BRAIN STIMULATION FOR TREATMENT OF MEDICALLY REFRACTORY EPILEPSY: A CRITICAL REVIEW
M. Leitinger, P.A. Winkler, E. Trinka, Austria
3. ANOMALOUS ATRIOVENTRICULAR EXCITATION DISCOVERED IN A PATIENT WITH LOCALIZATION RELATED EPILEPSY
N. Nevler, R. Gandelman-Marton, Israel
4. COPY NUMBER VARIANTS ASSOCIATED WITH DRUG-RESISTANT EPILEPSY IN ESTONIA
K. Noormets, I. Talvik, T. Reimand, E. Õiglane-Šlik, K. Õunap, T. Talvik, Estonia
5. TEACHERS' PERCEPTION OF EPILEPSY IN NIGERIA – A COMMUNITY-BASED STUDY
N.C. Ojinnaka, **A.O. Olajide**, Nigeria
6. LONG-TERM EFFICACY AND TOLERABILITY OF ZONISAMIDE AS ADJUNCTIVE THERAPY IN PATIENTS WITH PHARMACORESISTANT PARTIAL EPILEPSY
N. Pietrafusa, A. La Neve, G. Pontrelli, T. Francavilla, V. Durante, M. Ladogana, T. Lisi, G. Boero, Italy
7. SELF-ESTEEM OF ADOLESCENTS WITH EPILEPSY
J. Podgorac, S. Sekulic, S. Sakac, G. Kekovic, Serbia
8. EFFICACY AND TOLERABILITY OF LACOSAMIDE AS ADJUNCTIVE THERAPY IN PATIENTS WITH REFRACTORY FOCAL EPILEPSY
G. Pontrelli, G. Boero, T. Francavilla, M. Ladogana, T. Lisi, N. Pietrafusa, V. Durante, M. Prontera, M.G. Amoroso, A. La Neve, Italy
9. CLINICAL DATA ON LACOSAMIDE AS ADD-ON TREATMENT IN ADULT PATIENTS WITH PARTIAL-ONSET SEIZURES
M. Prieschl, I. Unterberger, G. Walser, M. Bergmann, K. Brendel, G. Luef, Austria
10. OUTCOMES WITHIN 10 YEARS AFTER CHILDHOOD STATUS EPILEPTICUS: A POPULATION-BASED STUDY
S. Pujar, M. Martinos, K. Chong, B. Neville, R. Scott, R. Chin, UK
11. DOES THE LOCALIZATION OF THE EPILEPTOGENIC ZONE DETERMINE CLINICAL COURSE AND CLINICAL FACTORS OF INTRACTABLE EPILEPSIES - A RETROSPECTIVE INVESTIGATION OF SURGICALLY TREATED PATIENTS
A. Rohracher, J. Dobsberger, J. Höfler, I. Unterberger, G. Walser, G. Kuchukhidze, C. Granbichler, M. Ortler, E. Trinka, Austria

GUIDED POSTER TOUR II - THURSDAY, OCTOBER 3, 2013 (continued)

Board No.

12. CHARACTERISTICS AND LONG-TERM PROGNOSIS OF PSYCHOGENIC NON-EPILEPTIC SEIZURES IN PATIENTS WITH AND WITHOUT EPILEPSY
O. Sadan, M. Neufeld, E. Rosenberg, S. Kipervasser, Israel
13. PHARMACOLOGICAL OUTCOME IN 11 PATIENTS WITH PCDH-19 RELATED EPILEPSY
D. Serino, N. Specchio, L. Fusco, F. Vigevano, Italy
14. CLINICAL AND ELECTROENCEPHALOGRAPHIC DESCRIPTION OF A CHORT OF PATIENTS DIAGNOSED WITH PSEUDOSEIZURES BY TWO VIDEOELECTROENCEPHALOGRAFY LABORATORIES OF MEDELLIN (COLOMBIA) AND HABANA (CUBA): IMPORTANCE OF ARTIFACTS AND ICTAL REGISTRY
C. Serrano, A. Solarte, R. Adrade, W. Cornejo, Cuba
15. PHARMACOLOGICAL TREATMENT OF EPILEPSY CAUSED BY BRAIN TUMORS: A POPULATION-BASED STUDY
R. Shafiei, Sweden
16. INFLUENCE OF INTERICTAL EPILEPTIFORM DISCHARGES ON COGNITIVE FUNCTIONS IN TEMPORAL LOBE EPILEPSY
S. Shagidze, M. Okujava, N. Okujava, Georgia

GUIDED POSTER TOUR III - FRIDAY, OCTOBER 4, 2013

Board No.

1. TIMELY AND ADEQUATELY TREATMENT AS A PREDICTOR OF SHORT DURATION OF CSE IN CHILDREN
T. Shatirishvili, T. Kipiani, T. Murjikneli, N. Dixaminjia, Georgia
2. THE ROLE OF ANTERIOR THALAMUS IN COGNITION: AN INTRACEREBRAL RECORDING STUDY
K. Štillová, M. Bočková, P. Jurák, J. Chládek, J. Halánek, S. Telecká, I. Rektor, Czech Republic
3. ANTIPILEPTIC DRUGS USE IN A TERTIARY INSTITUTION CLINICAL CENTRE NIS (SERBIA)
D. Stokanovic, M. Stoilkjovic, V. Nikolic, G. Nedin-Rankovic, S. Pesic, Serbia
4. THE EFFECT OF VALPROATE ON ELECTROENCEPHALOGRAPHIC ACTIVITY
D. Terney, S. Beniczky, Denmark
5. CLOBAZAM AS ADJUNCTIVE THERAPY FOR EPILEPSY: AN AUDIT IN A TERTIARY CARE CENTRE OF NORTHERN INDIA
M. Tripathi, R. Joshi, Y.K. Gupta, India
6. DIAGNOSTIC DELAY IN EPILEPSIES WITH VISUAL PHENOMENON
A. Tsereteli, N. Okujava, Georgia
7. SEIZURES AND ANTIPILEPTIC DRUGS: BIRTH DEFECTS AND PREGNANCY OUTCOME
S. Tsintsadze, S. Kasradze, G. Lomidze, Georgia
8. PHARMACOLOGIC AND GENETIC ASPECTS OF RESISTANT EPILEPSY IN CHILDREN IN UZBEKISTAN
N.M. Tuychibaeva, Uzbekistan
9. CLINICAL EXPERIENCE WITH RETIGABINE AS ADD-ON THERAPY IN ADULT PATIENTS WITH DRUG-RESISTANT FOCAL EPILEPSY IN A LARGE SINGLE TERTIARY EPILEPSY CENTER
I. Unterberger, M. Prieschl, G. Walser, M. Bergmann, G. Luef, Austria

