

International School of Neurological Sciences in Venice  
President: Giuliano Avanzini – Director: Francesco Paladin

# Advanced International Course: From Basic Knowledge and Clinical Trials to Rational Prescribing in Epilepsy

July 18 – 29, 2010

Sponsored by  
ILAE, EUREPA



**Course Directors: Michel Baulac (France) and Steven Schachter (USA)**

Aim of the course is to teach attendees: (1) basic knowledge of mechanisms of action and pharmacokinetic/dynamic of antiepileptic drugs (AEDs); (2) how to choose and use different AEDs in different epileptic syndromes; (3) how to plan and conduct pharmacological therapy of epilepsy in clinical practice; (4) how to plan a clinical trial; (5) what are the present strategies for the development of new antiepileptic molecules. The course is primarily targeted at neurologists, pharmacologists and basic researchers interested in AED use and development. Specific didactic material and equipment consists of EEGs and video EEGs, MRI, CT, software for EEG and experimental electrophysiological analysis. Students will be allowed to freely access the didactic material in a computer room with 20 dedicated PCs and in other dedicated spaces. The 11-day course starts with 3-4 introductory days of highly informative and up-to-date frontal lectures that address the basic research and clinical topics in epilepsy field in parallel to journal clubs. During the second part of the course groups of students will develop a research project on topics related to epilepsy under the supervision of 2-3 tutors selected among the course faculty. The progress of the project will be evaluated daily and each research project will be collectively discussed and evaluated during the last day.

**Provisional faculty:** Giuliano Avanzini (Italy), Michel Baulac (France), Ettore Beghi (Italy), Meir Bialer (Israel), Martin Brodie (Scotland), Giuseppe Capovilla (Italy), Helen Cross (UK), Ruggero Fariello (Italy), Karen Gale (USA), Alla Guecht (Russian Rep.), Reetta Kalviainen (Finland), Merab Kokaia (Sweden), Massimo Mantegazza (Italy), Brian Meldrum (UK), Philip Patsalos (UK), Emilio Perucca (Italy), Perrine Plouin (France), Roger Porter (USA), Steven Schachter (USA), Simon Shorvon (UK), Thorbjorn Tomson (Sweden), Pierangelo Veggiotti (Italy), Annamaria Vezzani (Italy), Federico Vigevano (Italy), Peter Wolf (Denmark), Gaetano Zaccara (Italy)

**Registration:** Registration fee (2000 or 2300 €) includes:

- 11 nights accommodation in single (2300 €) or double (2000 €) room
- full board and coffee breaks for the entire duration of the course
- access to the course and to the Venice International University facilities ([www.univiu.org](http://www.univiu.org))
- course syllabus

Registration forms are available at the following web sites: [www.epilearn.eu](http://www.epilearn.eu); [www.ilae.org](http://www.ilae.org); [www.epilepsy-academy.org](http://www.epilepsy-academy.org). Applications should be sent to the Course Secretary, Metella Paterlini, at [epilepsysummercourse@univiu.org](mailto:epilepsysummercourse@univiu.org) (fax +39-02-700445211) before **March 31, 2010**. Financial support is available for a limited number of applicants.