

The Summer School on Pharmaceutical Analysis (SSPA) is planned under the auspices of the Division of Medicinal Chemistry of the Italian Chemical Society (SCI) and the European Federation for Medicinal Chemistry (EFMC).

The school is open to a limited number of students and the official language is English.

International scientists coming to Rimini for the SSPA 2010 may take the opportunity to enlarge their knowledge into the field of pharmaceutical analysis in the frame of the following aspects: physical properties **characterization during pharmaceutical product development, preformulation and formulation, analytical quality by design and method validation.**

Tutorials on specific subjects will be organized in the afternoons.

All inclusive registration is 400 euro and includes access to all scientific sessions, all meals, coffee, the final program, the abstract book, and 3-night accommodation in a double/twin room at a three-star hotel located at a walking distance from the SSPA 2010 venue.

Deadline for on line registration is **30 May 2010.**

Visit www.scpaweb.org or contact SSPA 2010 secretariat at sspa2010@scpaweb.org for further information and registration.

Under the auspices of



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SSPA 2010 venue

Aula Magna, Polo Scientifico e Didattico di Rimini, Alma Mater Studiorum Università di Bologna, Via Angherà 22, Rimini

Rimini Campus Branch
13-16 June 2010

Summer School on Pharmaceutical Analysis

SSPA 2010

**ADVANCED
ANALYTICAL
METHODOLOGIES
IN DRUG
PREFORMULATION/
FORMULATION AND
QUALITY CONTROL**

www.scpaweb.org



Sunday, June 13, 2010

16:00 - 18:00 Registration
 18:00 - 18:30 Welcome and opening ceremony
 18:30 - 19:30 Opening lecture. **G. Gaviraghi**, Siena Biotech (Italy)
 19:30 - 20:30 Welcome buffet

Monday, June 14, 2010

9:00 - 9:15 Opening of SSPA 2010

I SESSION – PHYSICAL PROPERTIES CHARACTERIZATION DURING PHARMACEUTICAL PRODUCT DEVELOPMENT

9.30 - 10.30 DS and DP characterization across product development. **B. Allieri** - GSK (Italy)
 10.30 -11.30 Polymorphism assessment. **D. Braga** - University of Bologna (Italy)
 11:30 -11:45 Coffee break
 11:45 - 12:45 Spectroscopical methods toward physical properties characterization. **H. Lucas** - Kaiser Optical System (France)
 12:45 - 14:00 Lunch
 14:00 - 15.45 Ph.D. thesis dissertations
 15:45 - 16:00 Coffee break
 16:00 - 18.00 Tutorial on forced degradation and stability studies. **M. Galvani** - GSK (Italy)

Tuesday, June 15, 2010

II SESSION – PREFORMULATION AND FORMULATION

9:00 - 10:00 Drug delivery: an overview. **S. Nicoli** - University of Parma (Italy)
 10:00 - 11:00 Formulation in preclinical studies. **G. Verreck** - Johnson & Johnson (Belgium)
 11:00 - 11:15 Coffee break
 11:15 - 12:15 Active pharmaceutical ingredients and choice of formulation principle: biopharmaceutical considerations. **W. Weitschies** - University of Greifswald (Germany)
 12:15 - 13:15 Formulation development: drug/excipient interaction and formulation design. **M. Bresciani** - GSK (Italy)
 13:15 - 14.00 Lunch

III SESSION – ANALYTICAL QUALITY BY DESIGN (QbD)

14:00 - 15:00 Combining QbD and Process Analytical Technology: understand and improve pharmaceutical processes. **D. Lochmann** - Merck-Serono (Germany)
 15:00 -16:00 QbD: Regulatory requirements and expectations. **F. Bird** – GSK Ware (UK)

16:00 -16:15 Coffee break
 16:15 – 18:15 Tutorial on multivariate analysis. **M. Machin** – Novartis Pharma AG (Switzerland)

Wednesday, June 16, 2010

IV SESSION – METHOD VALIDATION

9:00 - 10:30 Objective of validation, documentation and regulatory bodies, validation and quality assurance , traceability. **S. Rudaz** - University of Geneva (Switzerland) and **E. Rozet** - University of Liège (Belgium)
 10:30 - 10:45 Coffee break
 10:45 - 12:30 Terminology and definition. Practical guidelines for method validation. **S. Rudaz** - University of Geneva (Switzerland) and **E. Rozet** - University of Liège (Belgium)
 12:30 - 13:30 Lunch
 13:30 - 15:00 Tutorial on validation and data treatment, examples, software demonstration. **S. Rudaz** - University of Geneva (Switzerland) and **E. Rozet** - University of Liège (Belgium)
 15:00 - 16:30 Tutorial on experimental design, examples, software demonstration. **S. Furlanetto** - University of Florence (Italy)
 16:30 -16:45 Closing remarks

SSPA 2010 Secretariat

Department of Pharmaceutical Sciences, via Belmeloro 6 40126 BOLOGNA. +39 (0)51 2099729; fax +39 (0)51 2099741

sspa2010@scpaweb.org

