

## 13th SCPA Organizing Committee

Vincenza Andrisano, Manuela Bartolini, Carlo Bertucci,  
Roberto Gotti, Aldo Roda, Vincenzo Tumiatti

## 13th SCPA Scientific Committee

Vincenza Andrisano (Chairman - University of Bologna, Italy)  
Giancarlo Aldini (University of Milan, Italy)  
Helena Danielson (Uppsala University, Sweden)  
Ersilia De Lorenzi (University of Pavia, Italy)  
Alex F. Drake (King's College, London, United Kingdom)  
Dionigio Franchi (GSK, Verona, Italy)  
Giorgio Grosa (University of Novara, Italy)  
Sergio Pinzauti (University of Firenze, Italy)  
Gaetano Ragno (University of Calabria, Italy)  
Jean-Luc Veuthey (University of Geneva, Switzerland)  
Antonino Villari (University of Messina, Italy)

## 13th SCPA Secretariat

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Division of Medical Chemistry

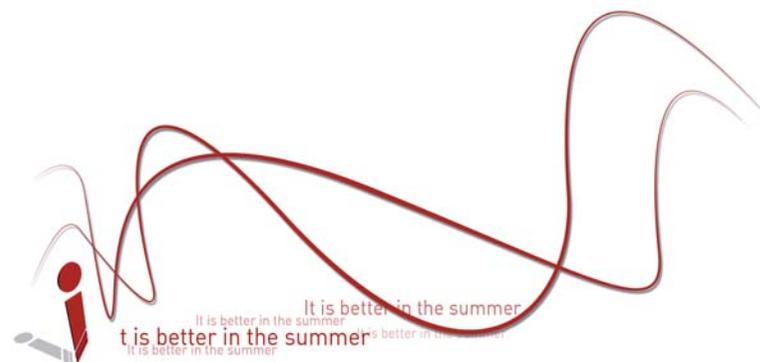


EFMC  
European Federation  
for Medicinal Chemistry



# 13th SUMMER COURSE on PHARMACEUTICAL Advanced Analytical ANALYSIS Methodologies in Drug Discovery

**Rimini Campus Branch  
21-23 September 2008  
Aula Magna**



## Program

## September 21, 2008

14.00-19.00	Registration
15.00-18.15	Ph.D thesis dissertations
18.15-18.45	Opening ceremony
18.45-19.30	Opening lecture: "Molecular devices and machines" V. Balzani (University of Bologna, Italy)
19.30-20.30	Welcome reception

## September 22, 2008

### PHARMACEUTICAL PROFILING ASSAYS IN DRUG DISCOVERY: NEW ANALYTICAL APPROACHES

9.00-9.30	Opening of the 13th SCPA (V. Andrisano)
<i>Chairman:</i>	S. Pinzauti (University of Firenze, Italy)
9.30-11.00	<i>New HTS assays to study lipophylicity, pKa and permeability of drug-like compounds</i> S. Martel and J-L Veuthey (Université de Genève, Switzerland)
11.00-11.15	<i>Coffee break</i>
11.15-12.15	<i>Solubility assessment in Drug Discovery</i> S. Beato (GSK, Verona, Italy)
12.15-13.30	<i>Lunch</i>
<i>Chairman:</i>	G. Massolini (University of Pavia, Italy)
13.30-14.15	<i>Strategies and methods for assessing blod-brain-barrier penetration in the drug discovery process</i> G. Westerberg (SienaBiotech, Siena, Italy)
14.30-15.30	<i>Dynamic light scattering aggregation studies</i> D. Friscione (Alphatec, Genova, Italy)
15.30-15.45	<i>Coffee-break</i>
15.45-17.15	<i>Tutorials in the informatic room for physico-chemical parameters determination</i> S. Martel (Université de Genève, Switzerland)

17.15-18.15	<i>Tutorials in the informatic room for light scattering applications</i> D. Friscione (Alphatec, Genova, Italy)
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## September 23, 2008

### HIT IDENTIFICATION: ADVANCES IN ANALYTICAL METHODS

<i>Chairman:</i>	C. Bertucci (University of Bologna, Italy)
9.00-9.30	<i>Bioanalysis in drug discovery: an introduction</i> G. Aldini (Istituto di Chimica Farmaceutica e Tossicologica "Pietro Pratesi", University of Milan, Italy)
9.30-10.30	<i>Biophysical tools for studying biomolecular interactions-fragment-based approaches in drug discovery</i> A. Padova (SienaBiotech, Siena, Italy)
10.30-10.45	<i>Coffe break</i>
10.45-12.45	<i>Circular dichroism: drug discovery and drug design</i> A.F. Drake (Department of Pharmacy, King's College London).
12.45-14.00	<i>Lunch</i>
<i>Chairman:</i>	J.-L. Veuthey (Université de Genève, Switzerland)
14.00-15.00	<i>Hit selection by capillary electrophoresis</i> E. De Lorenzi (Department of Pharmaceutical Chemistry, University of Pavia, Italy)
15.00-16.00	<i>Optical biosensors as tools for drug discovery</i> H. Danielson (Department of Biochemistry, Uppsala University, Sweden)
16.00-16.15	<i>Coffe break</i>
16:15-17:30	<i>Tutorials in the informatic room on application and analysis by biosensors</i> H. Danielson (Department of Biochemistry, Uppsala University, Sweden)
17.30	Closure of the 13th SCPA
20.00	<i>Social dinner</i>