



SUNDAY 7TH OCTOBER 2007

14:00 – 14.20 **Welcome and Introduction**

*Giovanni **Gaviraghi**, Chairman*
*Silvano **Focardi**, Rector University of Siena*
*David **Rotella**, President, ACS*
*Roberto **Pellicciari**, President, EFMC*
*Luisa **Mosti**, President, Division of Medicinal Chemistry ICS*

PLENARY LECTURES , Chair - Giovanni Gaviraghi

14.20 – 15:05 *Julian **Adams**, Infinity Pharmaceuticals Cambridge MA :*
Cancer Drug Discovery

15:05 –15:50 *Carlo **Melchiorre**, University of Bologna (UNIBO):*
Multi-Target-Directed Drugs for Neurodegeneration

15:50 – 16:10 **Coffee Break**

HIT TO LEAD TO CANDIDATE

16:10 -16:50 *David **Rees**, Astex Therapeutics:*
Fragment Based Drug Discovery: from Crystal to Clinic

16:50 -17:30 *Daniele **Donati**, GSK Psychiatry CEDD Verona:*
Identification and Optimisation of a Novel Series of Selective 5HT_{2c} Antagonists

17:30 -18:10 *Jeffery **Albert**, AstraZeneca Pharmaceuticals Wilmington DE:*
Fragment-Based Lead Generation and Structure-Based Design for the Discovery of High Affinity β -Secretase Inhibitors

18:30 -19:50 **POSTER SESSION 1**

20:00 **Welcome Reception – Santa Maria della Scala**



MONDAY

8TH OCTOBER 2007

CANCER - Chair – Peter Wipf, Univ. of Pittsburgh

09:00 – 09:40 *Antonello **Mai**, Università degli Studi Roma, (UNIRoma):*
Epigenetic Small Molecule Modulators and Cancer: An Overview

09:40 – 10:20 *David **Newman**, NCI, Frederick, MD:*
Mother Nature's Gifts to Cancer Chemotherapy

10:20 – 10:40 **Coffee Break**

10:40 – 11:20 *William **Gerwick**, University of California, San Diego, San Diego CA:*
Cancer Drug Discovery from Marine Cyanobacteria using Mechanism-Based and Mechanism-Blind Approaches

11:20 – 12:00 *Christopher **Straub**, Novartis:*
Inhibitors of Apoptosis Proteins: Application of Structure Based Drug Design to the Taming of a Protein-Protein Interaction Target

12:00 – 12:20 2 Short Talks selected from **Poster Presentations**

12:30 – 14:00 **Lunch**

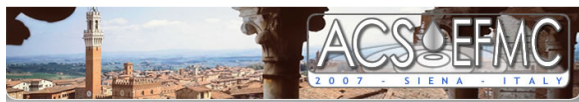
CNS - Chair - Graeme Robertson, Siena Biotech SpA

14:00 – 14:40 *Giuseppe **Ronsisvalle**, University of Catania (UNICT):*
Selective sigma Ligands and their Role in Neurodegeneration

14:40 – 15:20 *Albert **Robichaud**, Wyeth Research Princeton NJ:*
Design and SAR of Potent, Selective 5-HT₆ Ligands and their Potential Utility as CNS Disease Therapeutics

15:20- 15:40 **Coffee Break**

15:40 – 16.20 *Angelo **Carotti**, University of Bari (UNIBA):*
The MAO's Long March: From Toxic First-generation Drugs to Isoform-selective, Reversible and Multitarget Inhibitors



**Frontiers in CNS & Oncology
Medicinal Chemistry – 2007**

- 16.20 – 17:00 *Arun Ghosh, Purdue University, West Lafayette, IN:*
**Design of Potent and Selective Memapsin 2 (β -Secretase) Inhibitors
for Alzheimer's Disease**
- 17:00 – 17:20 2 Short Talks selected from **Poster Presentations**
- 17:30 – 19:00 **POSTER SESSION 2**
- 19:30 **Teatro dei Rozzi – Concert “ Great Opera Arias”**



TUESDAY

**Frontiers in CNS & Oncology
Medicinal Chemistry – 2007**

9TH OCTOBER 2007

CANCER - Chair – Roberto Pellicciari, Univ. of Perugia, EFMC President

09:00 – 09:40 *Maurizio **Botta**, Università degli Studi di Siena, (UNISI):*
Small Molecule Kinases Inhibitors: from Virtual Screening to in Vitro and in Vivo Studies

09:40 – 10:20 *Pier Giovanni **Baraldi**, University of Ferrara (UNIFE):*
DNA Minor Groove Binders (MGB) and Tubulin Inhibitors as Antitumor Agents

10:20 – 10:40 **Coffee Break**

10:40 – 11:20 *Thomas **Miller**, Merck Research laboratories, Boston:*
Histone Deacetylase Inhibitors

11:20 – 12:00 *Maurizio **Pulici**, Nerviano Medical Sciences:*
Aurora Kinase Inhibition: Identification and Expansion of Novel Scaffolds Leading to a Potent and Selective Compound with Favourable Antitumour Kinase Inhibition Profile

12:00 – 12:20 2 Short Talks selected from **Poster Presentations**

12:20 – 14:00 **Lunch**

CNS – Chair David Rotella, Wyeth Pharmaceuticals

14:00 – 14:40 *Deen **Tulshian**, Schering Plough Research Institute, Kenilworth NJ:*
Discovery of Orally Active Nociceptin Receptor Agonists for the Management of Anxiety and Cough

14:40 – 15:20 *Chiara **Ghiron**, Siena Biotech Spa:*
The Discovery of a Novel Series of Alpha7 nAChR Agonists

15:20 – 15:40 **Coffee Break**

15:40 – 16:20 *Stefano **Moro**, University of Padova (UNIPD):*
Protein Misfolding and Neurodegeneration

16:20 – 17:00 *James **Monn**, Eli Lilly, Indianapolis:*
Discovery of mGlu2/3 Receptor Agonists for the Treatment of Psychiatric Disorders

17:00 – 17:10 *Roberto Pellicciari (EFMC), Dave Rotella (ACS Medi):*
Closure – Conference Summary and Future Perspectives

20:30 **Conference Dinner “ Enoteca Italiana”, Siena**

