Università degli studi di Siena

IV EWDSY - FOURTH EUROPEAN WORKSHOP IN DRUG SYNTHESIS

SIENA, MAY 27TH – 31ST 2012

Programme

Sunday, May 27th	
Sala Affresco – Certosa di Pontignano	
17.00 – 20.00	*Registration and posters' billsticking*
20.00	*Dinner*
22.00	*After Dinner: Vin Santo e Cantucci*
Monday, May 28th	
Sala Bracci – Certosa di Pontignano	
9.00 – 9.30	*Welcome:* Maurizio Botta
9.30 – 10.20	Stephen Neidle - **Structure-based design of small molecules targeting telomeric G-quadruplexes in pancreatic cancer**
10.30 – 11.20	Dario Neri - **Armed antibodies and targeted cytotoxics: from the bench to the clinic**
11.20 – 11.40	*Coffee break*
11.50 – 12.40	Maurizio Prato - **Nanomedicine with Functionalized Carbon Nanotubes**
12.50 – 14.00	*Lunch*
14.30 – 15.20	Hugo Kubinyi - **Strategies in Lead Optimization – Tips and Tricks**
15.30 – 16.20	Alan P. Kozikowski - **Proper Interogation – The Green Path to Drug Creation**
16.30 – 16.50	*Coffee break*
17.00 – 19.30	*Selected presentations*
17.00 – 17.25	Stefano Alcaro - **Hit identification of bioactive natural compounds by virtual screening**
17.30 – 17.55	Hannah Peters - **Flexible Nucleotides as Antivirals**
18.00 – 18.25	Peter N. M. Botman - **Chemo-Enzymatic Preparation of Versatile Chiral Building Blocks**
18.30 – 18.55	Stefania De Luca - **Chemoselective postsynthetic modifications of peptide**
19.00 – 19.25	Jarmilia Husby - **Molecular dynamics studies of the STAT3 homodimer: DNA complex: relationships between STAT3 mutations and protein-DNA recognition**
19.30 – 19.55	Joel Bergman - **Selective inhibition of HDAC6 as a strategy for treating neuropathies: The story of Tubastatin A and beyond**
20.00	*Dinner*
22.00	*After Dinner: Wine Tasting*
Tuesday, May 29th	
Sala Bracci – Certosa di Pontignano	

9.00 – 9.50	Erick M. Carreira - **Discovery and Surprises with Natural Products**
10.00 – 10.50	Fernando Albericio - **www.Peptides (what a wonderful world)**
11.00 – 11.20	*Coffee break*
11.30 – 12.20	Marcello Allegretti - **Development of CXC Chemokine Receptor 1 (CXCR1) Ligands as Novel Noncompetitive CXCL8 Inhibitors**
12.50 – 14.00	*Lunch*
14.30 – 15.20	William L. Jorgensen - **Drug Discovery Accelerated by Computational Methods**
15.30 – 16.20	Thierry Langer - **3D Chemical Feature-based Pharmacophores: Efficient Tools For Polypharmacology Prediction In Lead Discovery and Optimization**
16.30 – 16.50	*Coffee break*
	Sala Bracci /Sala Palio – Certosa di Pontignano
17.00 – 19.00	**S-IN communication and computer exercise- MODDE**
20.00	*Special Dinner:' Cena al Chianti'*
Wednesday, May 30th	
Sala Bracci – Certosa di Pontignano	
9.00 – 9.50	**Karl Anker Jørgensen – New Directions in Organocatalysis**
10.00 – 10.50	Marco Bella - **Searching for Novel Strategies in Asymmetric Catalysis**
11.00 – 11.20	*Coffee break*
11.30 – 12-20	Stephen Hanessian - **RNA-binding molecules: Structure, function and synthesis**
12.50 – 14.00	*Lunch*
14.30 – 15.20	Karl-Heinz Altmann - **Chemical and Biological Exploration of Natural Products: Tubulin Modulators and Others**
15.30 – 16.20	Dieter Schinzer - **Recent Progress in Complex Natural Product Synthesis**
16.30 – 16.50	*Coffee break*
17.00 – 18.30	*Selected presentations*
17.00 – 17.25	Aristeidis Chiotellis - **Synthesis and biological evaluation of 18F labeled fluoroethoxy and fluoropropyl tryptophan analogues as potential PET tumor imaging agents.**
17.30 – 17.55	Giuseppe La Regina - **Synthesis of new indole derivatives as potent inhibitors of tubulin polymerization**
18.00 – 18.25	Mauro Marigo - **Discovery of a New Series of Phosphodiesterase 10A(PDE10A) Inhibitors**
18.30 – 18.55	Claudio Battilocchio - **A Novel Route to the Synthesis of 2-Aminoadamantane-2-carboxylic Acid: a Flow Chemistry-Assisted Sustainable Process**
19.00 – 19.30	*Lectures from selected posters*
20.00	*Dinner*
22.00	*After Dinner: Wine Tasting*
Thursday, May 31st	
Sala Bracci – Certosa di Pontignano	
9.00 – 9.50	Katherine Seley-Radtke - **Structural Diversity in Nucleoside Drug Design**
10.00 – 10.50	Gabriele Cruciani - **High-throughput, fully automated, specific MetID - A revolution for Drug Discovery**
11.00 – 11.20	*Coffee break*

11.30 – 12.20	Nicola Cimino - **Agilent QTOF Platform for Compound Identification**
13.00	*Lunch*
Closing remarks	