



Minisymposium on STRUCTURE AND FUNCTION OF NUCLEAR RECEPTORS

March 18, 2010

BSRC Alexander Fleming Conference Room (Attendance is free)

Program

- 9.00-9.40 **Discovery of small molecules regulating orphan and de-orphanized nuclear receptors**
Gilles Salbert, University of Rennes
- 9.40-10.10 **Expression, purification and crystallization of the apo-form of HNF4a ligand binding domain.**
Peter Barath, Cancer Research Institute, Slovak Academy of Sciences, Bratislava
- 10.10-10.30 Coffee break
- 10.30-11.00 **The interactions of HDAC7 with small molecules and proteins.**
Danielle Desravines. EMBL, Grenoble
- 11.00-11.25 **Structural studies of HNF4-alpha and the development of a prototype molecular replacement structure solution robot.**
Mats Okvist, ESRF, Grenoble
- 11.30-11.50 **Assay configuration for HDAC7 and homologous HDACs for compound profiling and high-throughput screening**
Vanessa Nardese, Elisa Sala, Daniele Caretoni, Axxam, San Raffaele Biomedical Science Park, Milan
- 11.50-12.10 **Identification of small-molecule inhibitors of HDAC7 through high-throughput screening**
Mariantonietta Rubino, Vanessa Nardese, Cinzia Nucci, Andrea Brambilla, Giovanna Gualtieri, Michela Stucchi, Daniele Caretoni, Axxam, San Raffaele Biomedical Science Park, Milan
- 12.10-13.30 **Lunch break**
- 13.30-13.55 **Histone deacetylases in energy metabolism: role in metabolic regulation**
Andrea Galmozzi, Università degli Studi di Milano
- 13.55-14.10 **Selective coregulator recruitment confers antidiabetic and antiobesity activity with reduced side effects to a novel dual peroxisome proliferator activated receptor α/γ ligand.**
Maurizio Crestani, Università degli Studi di Milano

- 14.10-14.30 **Modulation of the inflammatory response in glia and macrophages by histone deacetylase inhibitors**
Barbara Viviani, Università degli Studi di Milano
- 14.30-15.00 **Nuclear receptors in transcription factor network regulating hepatic fatty acid metabolism**
Iannis Talianidis, BSRC Alexander Fleming
- 15.00-15.30 Coffe break
- 15.30-16.00 **Nuclear Receptors in Lipid Homeostasis**
Christophe Héligon, Center for Integrative Genomics, University of Lausanne
- 16.00-16.30 **Regulation of bile acid synthesis and CYP7A1 expression in different human models. Possible roles of nuclear receptors and histone deacetylases (HDACs)**
Marco Bertolotti, University of Modena