

MedChem 2012 - From Rapid Dissociation to Irreversible Inhibition

Optimisation of Drug-Target Residence Time

Programme

Friday November 30, 2012

- 08:00 Registration**
- 08:50 Opening**
- 09:00 Looking Beyond Potency: Importance of Assessing Residence Time in Chemistry and Its Impact on Drug Discovery**
Dr Yogesh SABNIS
(UCB PHARMA, Braine-l'Alleud, Belgium)
- 09:50 Kinetics in Drug Discovery. A case for G Protein-Coupled Receptors**
Prof. Ad P. IJZERMAN
(LEIDEN UNIVERSITY, Leiden, The Netherlands)
- 10:40 Coffee Break**
- 11:15 Kinetics Based Early Drug Screening : a New Application for DNA-Encoded Chemical Libraries**
Dr Peter BLAKSKJÆR
(VIPERGEN, Copenhagen, Denmark)
- 11:35 A 'Fast' Track to Atypicality – The Discovery of JNJ37822681 for the Treatment of Schizophrenia**
Dr Gregor J. MACDONALD
(JANSSEN RESEARCH & DEVELOPMENT, Beerse, Belgium)
- 12:25 Sandwich Lunch**
- 14:00 Kinetic Screening in Drug Discovery**
Prof. Andrew HOPKINS
(UNIVERSITY OF DUNDEE, Dundee, United Kingdom)
- 14:50 How to Design Better Small Molecule Ligands: a Case of CCR2 Antagonists**
Mr Maris VILUMS
(LEIDEN UNIVERSITY, Leiden, The Netherlands)
- 15:10 A Computational Approach to Predict Inhibitor Binding Kinetics : the PNP Case**
Dr Walter ROCCHIA
(ITALIAN INSTITUTE OF TECHNOLOGY, Genova, Italy)
- 15:30 Coffee Break and Poster Session**
- 16:05 The Resurgence of Covalent Inhibitors**
Dr Russell PETTER
(CELGENE AVIOMICS RESEARCH, Bedford, United States)
- 16:55 Irreversible Inhibitors of Serine Proteases: Tools or Drugs?**
Prof. Koen AUGUSTYNS
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)
- 17:45 Closing Remarks**