

13th EFMC Short Course on Medicinal Chemistry

Programme

Sunday April 23, 2017

17:00 Registration

18:00 Dinner

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Programme

Monday April 24, 2017

07:30	Breakfast
08:30	Introduction
09:00	Mathematics of binding kinetics Prof. Georges VAUQUELIN (VUB, Brussel, Belgium)
10:30	Coffee Break
11:00	Mathematics of binding kinetics - Part II Prof. Georges VAUQUELIN (VUB, Brussel, Belgium)
12:30	Lunch
13:30	Characterizing the Dynamics of Molecular Interactions Prof. Helena DANIELSON (UPPSALA UNIVERSITY, Uppsala, Sweden)
15:00	Coffee Break
15:30	Characterizing the Dynamics of Molecular Interactions - Part II Prof. Helena DANIELSON (UPPSALA UNIVERSITY, Uppsala, Sweden)
17:00	Day End
18:00	Dinner and walking tour through Leiden

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Tuesday April 25, 2017

07:30	Breakfast
08:30	Kinetics for drug discovery: <i>In vitro</i> assays to study GPCRs Prof. Laura HEITMAN (UNIVERSITY OF LEIDEN, Leiden, The Netherlands)
10:00	Coffee Break
10:30	Kinetics in Drug Discovery - A Case for G Protein-coupled Receptors Prof. Ad P. IJZERMAN (LEIDEN UNIVERSITY, Leiden, The Netherlands)
12:00	Lunch
13:00	Pharmacokinetic-pharmacodynamic Relationships, the Connecting Role of Binding Kinetics Dr Liesbeth DE LANGE (UNIVERSITY OF LEIDEN, Leiden, The Netherlands) Mr Wilbert DE WITTE (UNIVERSITY OF LEIDEN, Leiden, The Netherlands)
15:00	Coffee Break
15:30	Pharmacokinetic-pharmacodynamic Relationships, the Connecting Role of Binding Kinetics - Part II Mr Wilbert DE WITTE (UNIVERSITY OF LEIDEN, Leiden, The Netherlands) Dr Liesbeth DE LANGE (UNIVERSITY OF LEIDEN, Leiden, The Netherlands)
17:00	Day End
18:00	Dinner

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Wednesday April 26, 2017

07:30 **Breakfast**

08:30 **The Use of Kinetic Data in Early Drug Discovery: HSP90 as a Model to Gain Mechanistic Insight into Drug Binding Kinetics**

Dr Matthias FRECH
(MERCK, Darmstadt, Germany)

10:00 **Coffee Break**

10:30 **The Use of Kinetic Data in Early Drug Discovery: HSP90 as a Model to Gain Mechanistic Insight into Drug Binding Kinetics - Part II**

Dr Matthias FRECH
(MERCK, Darmstadt, Germany)

12:00 **Wrap-up and Lunch**