7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

Sunday April 21, 2013

18:00 **Dinner**

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Monday April 22, 2013

Breakfast (as of 07:30)

08:30 **Introduction**
Prof. György KESERU
(HUNGARIAN ACADEMY OF SCIENCES, Budapest, Hungary)

09:00 **Basic Interactions Types (Ionic, Salt Bridges, H-bonds, etc.)**
Prof. Frank BÖCKLER
(EBERHARD-KARLS UNIVERSITY TUEBINGEN, Tübingen, Germany)

10:30 **Coffee Break**

11:00 **Non-classical Interactions (Halogen Bonds, Non-Classical H Bonds etc)**
Prof. Frank BÖCKLER
(EBERHARD-KARLS UNIVERSITY TUEBINGEN, Tübingen, Germany)

12:30 **Lunch**

13:30 **The Thermodynamics of Interactions**
Prof. György KESERU
(HUNGARIAN ACADEMY OF SCIENCES, Budapest, Hungary)

15:30 **Coffee Break**

16:00 **Experimental and Theoretical Assessment of Molecular Interactions**
Prof. Andrew G. LEACH
(JOHN MOORES UNIVERSITY, Liverpool, United Kingdom)

17:30 **Close**

18:00 **Dinner and walking Tour through Leiden**

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Tuesday April 23, 2013

Breakfast (as of 07:30)

08:30 **Tutorial and Exercise 1**
Dr Jas BHACHOO
(SCHRÖDINGER EUROPE, Camberley, Surrey, United Kingdom)

11:00 **Coffee Break**

11:30 **Interactions in the Solid State and with Solvents**
Prof. Andrew G. LEACH
(JOHN MOORES UNIVERSITY, Liverpool, United Kingdom)

12:30 **Lunch**

13:30 **Interactions with Proteins Including Interactions within the Binding Cavity (Small Molecule, Cofactors, Water, Residues)**
Dr Mike HANN
(GSK MEDICINES RESEARCH CENTRE, Stevenage, United Kingdom)

15:30 **Coffee Break**

16:00 **Interactions Between Biological Molecules (Protein-protein, Protein-DNA etc)**
Dr Mike HANN
(GSK MEDICINES RESEARCH CENTRE, Stevenage, United Kingdom)

17:30 **Close**

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Wednesday April 24, 2013

Breakfast (as of 07:30)

08:30 **Kinetics of Association and Dissociation**
Prof. Helena DANIELSON
(UPPSALA UNIVERSITY, Uppsala, Sweden)

10:00 **Coffee Break**

10:30 **Tutorial and Exercise 2**
Dr Jas BHACHOO
(SCHRÖDINGER EUROPE, Camberley, Surrey, United Kingdom)

12:30 **Wrap up and lunch**