

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

Sunday April 21, 2013

Dinner

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

Monday April 22, 2013

Breakfast (as of 07:30)

Introduction

Prof. György KESERU
(HUNGARIAN ACADEMY OF SCIENCES, Budapest, Hungary)

Basic Interactions Types (Ionic, Salt Bridges, H-bonds, etc.)

Prof. Frank BÖCKLER
(EBERHARD-KARLS UNIVERSITY TUEBINGEN, Tübingen, Germany)

Coffee Break

Non-classical Interactions (Halogen Bonds, Non-Classical H Bonds etc)

Prof. Frank BÖCKLER
(EBERHARD-KARLS UNIVERSITY TUEBINGEN, Tübingen, Germany)

Lunch

The Thermodynamics of Interactions

Prof. György KESERU
(HUNGARIAN ACADEMY OF SCIENCES, Budapest, Hungary)

Coffee Break

Experimental and Theoretical Assessment of Molecular Interactions

Prof. Andrew G. LEACH
(JOHN MOORES UNIVERSITY, Liverpool, United Kingdom)

Close

Dinner and walking Tour through Leiden

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Tuesday April 23, 2013

Breakfast (as of 07:30)

Tutorial and Exercise 1

Dr Jas BHACHOO
(SCHRÖDINGER EUROPE, Camberley, Surrey, United Kingdom)

Coffee Break

Interactions in the Solid State and with Solvents

Prof. Andrew G. LEACH
(JOHN MOORES UNIVERSITY, Liverpool, United Kingdom)

Lunch

Interactions with Proteins Including Interactions within the Binding Cavity (Small Molecule, Cofactors, Water, Residues)

Dr Mike HANN
(GSK MEDICINES RESEARCH CENTRE, Stevenage, United Kingdom)

Coffee Break

Interactions Between Biological Molecules (Protein-protein, Protein-DNA etc)

Dr Mike HANN
(GSK MEDICINES RESEARCH CENTRE, Stevenage, United Kingdom)

Close

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Wednesday April 24, 2013

Breakfast (as of 07:30)

Kinetics of Association and Dissociation

Prof. Helena DANIELSON
(UPPSALA UNIVERSITY, Uppsala, Sweden)

Coffee Break

Tutorial and Exercise 2

Dr Jas BHACHOO
(SCHRÖDINGER EUROPE, Camberley, Surrey, United Kingdom)

Wrap up and lunch