

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

Sunday April 21, 2013

18:00 Dinner

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

Monday April 22, 2013

Breakfast (as of 07:30)

08:30 Introduction

Prof. Gyorgy 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. Gyorgy 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

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

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 Michael HANN
(GSK MEDICINES RESEARCH CENTRE, Stevenage, United Kingdom)

15:30 Coffee Break

16:00 Interactions Between Biological Molecules (Protein-protein, Protein-DNA etc)

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

17:30 Close

7th EFMC Short Course on Medicinal Chemistry - Spring 2013

Programme

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