

9th EFMC Short Course on Medicinal Chemistry

Programme

Sunday 26/10/2014

18:00 Dinner

9th EFMC Short Course on Medicinal Chemistry

Programme

Monday 27/10/2014

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

(THERMO FISHER SCIENTIFIC)

15:30 Coffee Break

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

(THERMO FISHER SCIENTIFIC)

17:30 Close

18:00 Dinner and walking tour through Leiden

9th EFMC Short Course on Medicinal Chemistry

Programme

Tuesday 28/10/2014

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 The Thermodynamics of Interaction

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

12:30 Lunch

13:30 Interactions in the Solid State and with Solvents

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

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

9th EFMC Short Course on Medicinal Chemistry

Programme

Wednesday 29/10/2014

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