

# 7th EFMC Short Course on Medicinal Chemistry - Spring 2013

## Programme

---

**Sunday 21/04/2013**

18:00    Dinner

# 7th EFMC Short Course on Medicinal Chemistry - Spring 2013

## Programme

### Monday 22/04/2013

**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**

# 7th EFMC Short Course on Medicinal Chemistry - Spring 2013

## Programme

---

**Tuesday 23/04/2013**

**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**

# 7th EFMC Short Course on Medicinal Chemistry - Spring 2013

## Programme

---

### Wednesday 24/04/2013

**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**