

Sunday, September 20	
16:00	Registration
18:00	Welcome & Introduction
18:15	Biophysics in Drug Discovery: A Game Changer for the Early Research Pipeline? (M. Frech)
19:00	<i>Get-together Party</i>

Monday, September 21	
09:00	Thermodynamics and kinetics of drug-target binding through molecular simulations (A. Cavalli)
09:45	HTMD: an environment for computer aided drug discovery, focus on simulations (G. De Fabritiis)
10:30	<i>Coffee break</i>
11:00	Ligand-protein binding and ligand-based virtual screening using maximum clique algorithm (D. Janežič)
11:45	Protein-Ligand Kinetics and Interactions by means of molecular dynamics simulations (M. Grandits)
12:15	Analysis of molecular features influencing HSP90 binding kinetics (D. Schuetz)
12:30	<i>Lunch</i>
14:00	Organizing 3D Project Data for Structure-Based Drug Design in MOE (M. Kossner)
14:40	<i>Coffee break</i>
15:00	WS: CCG, OpenEye, BiKi, OPS/KNIME

Tuesday, September 22	
09:00	Pharmacophores - The Current and The Future (T. Langer)
09:45	Structure-based design of selective histone deacetylase inhibitors - challenges and opportunities (W. Sippl)
10:15	Pharmacophoric descriptors from molecular dynamics simulations for predicting sulfotransferase activity (C. Rakers)
10:30	<i>Coffee break</i>
11:00	Allosteric Inhibitors Drug Design: Successful Examples in the Field of HIV and Cancer (M. Botta)
11:45	Exploring protein-ligand binding using three-dimensional pharmacophore patterns (G. Wolber)
12:15	Hunting parasite-killing histone deacetylase inhibitors by computer-based methods (J. Melesina)
12:30	<i>Lunch</i>
14:00	Sampling molecular alignment space: how much is enough? (G. Stahl)
14:40	<i>Coffee break</i>
15:00	WS: CCG, OpenEye, Inte:Ligand, OPS/KNIME
17:00	Poster Sessions

Wednesday, September 23	
09:00	MD Simulations of Proteins: Practical Hints and Pitfalls to Avoid (S. Boresch)
09:45	Applications of free energy calculations from molecular dynamics simulations (C. Oostenbrink)
10:30	<i>Coffee break</i>
11:00	Toxicological Predictions: The role of public, commercial and in-house data (K.-J. Schleifer)
11:45	Coupling enhanced sampling simulations with experimental techniques. Theory and case studies (G. Costantino)
12:15	Covalently Binding Fragments: Reaction-Driven Design of Viral Protease Inhibitors (R. Schulz)
12:30	<i>Lunch</i>
14:00	Innovative in silico approaches to hit finding, lead molecule design and drug hunting (S. Bryant)
14:40	<i>Coffee break</i>
15:00	WS: Inte:Ligand, OPS/ChemBioNavigator, ChEMBL

Thursday, September 24	
09:00	Drug Metabolism and Prodrugs (H. Kubinyi)
09:45	Predicting drug metabolism (J. Kirchmair)
10:30	<i>Coffee break</i>
11:00	A Direct Approach to Protein-Ligand Systems combining Cheminformatics, Specific Isotope-Labeling and NMR Spectroscopy (R. Konrat)
11:30	Elaboration of pharmacophore structure of new targets by molecular dynamics simulation - case study (M. Baginski)
12:00	Design of novel neuroprotective agents that inhibit endocannabinoids degradation (L. Scalvini)
12:15	Ligand- and structure-based methods to predict and understand BCRP inhibition (F. Montanari)
12:30	<i>Lunch</i>
14:00	Predicting binding affinity doesn't work — or does it? (C. Lemmen)
14:40	<i>Coffee break</i>
15:00	WS: BioSolveIT, OPS/ChemBioNavigator, Inte:Ligand
19:00	<i>Dinner at Heuriger Schuebl-Auer</i>

Friday, September 25	
09:00	Best of Both Worlds: Combining Pharma Data and State of the Art Modeling Technology To Improve in silico pKa Prediction (A. Hillisch)
09:45	Insights into the Polypharmacology of PARP Inhibitors (A. Macchiarulo)
10:30	<i>Coffee break</i>
11:00	QSAR applications in modern Drug Discovery (G. Hessler)
11:45	Computational methods to manage uncertainty in drug risk assessment (S. Boyer)
12:30	<i>Lunch</i>
14:00	Europin application talks
15:30	<i>Coffee break</i>
15:50	Europin progress reports
17:00	Discussion