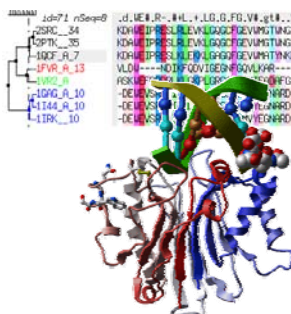


Molsoft ICM Workshop “Protein Structure and Drug Discovery”

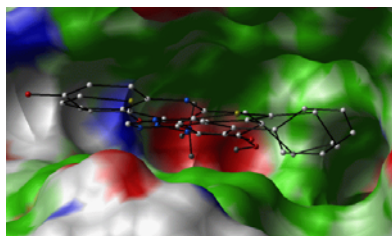
Conducted by:
Prof. Ruben Abagyan (The Scripps Research Institute)
Dr. Maxim Totrov (Principal Scientist, Molsoft LLC)

“The objective of this training course/workshop is to help computational chemists and biologists to solve challenging problems in the area of drug discovery by efficient use of the science and technology present in ICM molecular modeling tools.” Ruben Abagyan, Molsoft Co-Founder

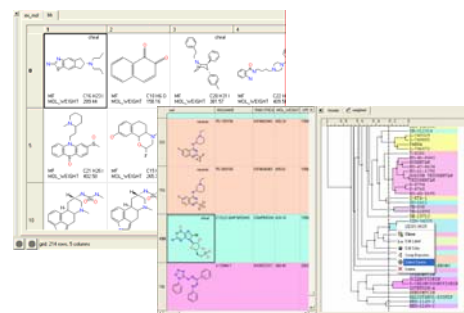
DAY 1	
9:30 - 10:45	ICM Background
10:45 - 11:00	Break
11:00 - 12:00	Sequence Analysis and Bioinformatics Tools
12:00 - 1:00	Lunch (Provided by MolSoft)
1:00 - 3:00	Protein Structure Analysis and Homology Modeling
3:00 - 3:15	Break
3:15 - 5:00	Structure Refinement and Simulations
DAY 2	
9:30 - 10:45	Cheminformatics
10:45 - 11:00	Coffee Break
11:00 - 12:00	MolCart
12:00 - 1:00	Lunch (Provided by MolSoft)
1:00 - 2:00	Small Molecule Docking
2:00 - 3:30	Virtual Ligand Screening
3:30 - 3:45	Break
3:45 - 5:00	Protein-Protein Docking



Sequence and Structure Analysis



Modeling and Docking



Drug Design and Cheminformatics

Program content subject to change without notice.

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