ADVANCED ANALYTICAL METHODS FOR LIGAND-TARGET INTERACTION STUDIES IN DRUG DISCOVERY

Wednesday, September 19	
8.30 -9.30	**Registration**
9:30-9.45	**Opening** Prof. G. Aldini, Chair of SSPA; Prof. Vincenza Andrisano, past-Chair and delegate of Rimini Campus – University of Bologna; Prof. G. Costantino, delegate of the Division of Medicinal Chemistry (SCI).
9.45-10.30	Daniela Jabes (Molecola SA, Switzerland): The key role of ligand-target interactions in the search for new anti-infectives
10:30-11:00	**Coffee break**
11:00-12.30	Antonio Macchiarulo (University of Perugia, Italy): The Ever-Evolving Concept of Ligand/Target Interaction in Biology and Medicine.
12.30-14:00	*Lunch*
14:00-15:00	Doriano Lamba (Istituto di Cristallografia – C.N.R., Trieste, Italy): From Molecules to Medicines: Integrating X-ray Crystallography in Drug Discovery
15:00-16:00	Martino Bolognesi (University of Milan, Italy): An Integrated Structural Biology Approach to Drug Discovery
16:00 – 16:30	**Coffe break**
16:30-16:50	**Ph.D student**
16:50-17:10	**Ph.D student**
Thursday 20, September	
9.30-11.15	Helena Danielson (Uppsala University, Sweden): Characterizing the dynamics of molecular interactions (part 1)
11.15-11.45	**Coffee break**
11.45-12.45	Helena Danielson (Uppsala University, Sweden): Characterizing the dynamics of molecular interactions (part 2)

12.45-14.00	**Lunch**
14:00-15:00	Daniele Tedesco (University of Bologna, Italy): Application of circular dichroism spectroscopy to the investigation of drug-target interactions
15:00–16:00	Carlo Bertucci (University of Bologna, Italy): Affinity chromatography as a tool to investigate molecular recognition processes.
16:00-16:30	**coffee**
16:30-16:50	**Ph.D student**
16:50-17:10	**Ph.D student**
Ph.D student presentations; Chair:	
20:00	**Social dinner**

Friday 21, September	
9.30-10.30	Enrica Calleri (University of Pavia, Italy): Frontal affinity chromatography coupled to mass spectrometry
10.30-11.30	Daniel Cicero (IRBM Science Park S.p.a. and Dipartimento di Scienze e Tecnologie Chimiche, Università degli studi di Roma "Tor Vergata"): NMR Spectroscopy and the study of protein-ligand interaction in the drug discovery pipeline
11.30-12.00	***Coffee break***
12.00-13.00	Luca Regazzoni (Università degli Studi di Milano): Mass spectrometry based tools to investigate protein–ligand interactions for drug discovery
13.00-13:15	**Closing remarks**
13.15-14.15	***Lunch***