Summer School on Pharmaceutical Analysis 2025

Advanced Analytical Methodologies in Early Drug Discovery

Scientific Program

21st September 2026			
13.00-14.00	*Registration*		
14.00-14.30	**Opening ceremony**		
14.30-15.30	*Opening Lecture*	AI-Driven Strategies for Early Drug Discovery	**Pietro Delre** University of Naples Federico II, Italy
15.30-16.30		Analitycal Techniques In Early Drug Discovery: Regulatory Aspects	**Ilaria Enrietto** Merck R.B.M., Ivrea, Italy; an affiliate of Merck KGaA, Darmstadt, Germany
16.30-17.30		Multimodal Analytical Techniques For Biomolecule And Small-Molecule Characterization In Drug Discovery	Luc Garrigues Evotec Company, France
17.30-18.00	***Workshop/Case study/PhD presentation***		
20.15	*Piadina Dinner*		

22nd September 2025			
8.30-8.45	*Registration*		
	Molecular Recognition and Affinity		
8.45-9.45		Application Of Biophysical Techniques For The Exploration Of Molecular Interactions In Drug Discovery	**Diana Tegazzini** Aptuit (Verona) S.r.l, an Evotec Company, Italy
9.45-10.30		Beyond Target Engagement: Using Cetsa To Decode Drug Mechanisms And Cellular Processes	**Anderson Daniel Ramos** ETH Zurich, Switzerland
10.30-11.00	*Coffee break*		
11.00-12.30		Mass Spectrometry Applications For Targets And Hit Compounds Identification Applying Native Mass Spectromery For Early Drug Discovery	**Ettore Gilardoni** Philochem AG, Switzerland **Julian Harrison** ETH Zurich, Switzerland
12.30-13:45	*Lunch break*		
13.45-14.30		Probing Ligand–Protein Interactions By NMR Spectroscopy: The Example Of Rna Binding Proteins	**Francesca Vasile** Università degli Studi di Milano, Italy

	High-Throughput Activity profiling		
14.30-15.15		Linking Enzymatic And Functional Readouts: Strategies For High-Throughput Activity Profiling In Early Drug Discovery	**Mattia Arboit** Aptuit (Verona) S.r.l, an Evotec Company, Italy
15.15-16.00		Mass spectrometry- Proteomics LiP-MS technology	TBD
16.00-16.30	*Coffee break*		
16.30-17.15	***Workshop/Case study/PhD presentation***		
17.15-18.15	Application/Case study/workshop	Chemometrics And Ml Tools For Chemical Data Analysis: An Introduction To The Open-Source Software Cactus And Mva	**Eugenio Alladio** University of Turin, Italy
20.30	*Social dinner*		

23rd September 2025

8.45-9.00	*Registration*		
	AI in Predictive Metabolism and Safety		
9.00-10.00		Enabling Target Engagement: The Role Of Adme In Medicinal Chemistry Decisions	**Massimo Dondio** Aphad Analytical Solution S.r.L., Italy
10.00-10.45		Magnetic Resonance Spectroscopy For Real Time Analysis Of Cellular Metabolism In Pharmaceutical Research	**Luca Venturi** Chiesi Farmaceutici, Italy
10.45-11.15	*Coffee break*		
11.15-12.45		Predicting Sites Of Metabolism In Xenobiotics: How Far Can We Go?	**Laura Goracci** University of Perugia, Italy
12.45-14.00	*Lunch break*		
14.00-14.30		Practical session	**Laura Goracci** University of Perugia, Italy
14.30-16.15	***Workshop/Case study/PhD presentation***		
16.15-16.30	*Closing remarks*		