

Summer School on Pharmaceutical Analysis 2023

Analytical methods for drug manufacturing and quality control

Scientific Program

11th September 2023			
13.00-14.00	Registration		
14.00-14.30	Opening ceremony		
	<i>Chair: Manuela Bartolini</i>		
14.30-15.30	Opening Lecture	Pharmaceutical development: an interplay between analytical and pharmaceutical sciences	Arnaud Grandeury , Novartis Pharma AG, Basel, Switzerland
	<i>Chair: Gabriella Massolini</i>		
15.30-16.30		Pharmacopoeia, guidelines and GMP regulations application: targeting requirements at different product/process development stages	Francesca Luciani , National Centre for the Control and Evaluation of Medicines (CNCF), Istituto Superiore di Sanità, Italy
16.30-17.30		Structural Analysis and Complex Mixtures by NMR	Claudia Napoli , Bruker Italia S.r.l, Italy
20.00	Piadina Dinner		

12th September 2023			
	<i>Chair: Eduardo Maria Sommella</i>		
09.00-9.45		New analytical approaches for complex drugs in response to global heparin contamination crisis	Marco Guerrini , Istituto di Ricerche Chimiche e Biochimiche G. Ronzoni, Italy
9.45-10.45		Analytical aspects related to API development and manufacturing	Davide Messini , F.I.S. - Fabbrica Italiana Sintetici, Italy
10.45-11.15	Coffee break		
	<i>Chair: Luca Regazzoni</i>		
11.15-12.15		The Analytical side of Drug product	Arnaud Fillius , Aptuit (Verona) S.r.l, an Evotec Company, Italy
12.15-13.00		Nitrosamine: impurities analysis in drugs	Debora D'Addona , Thermo Fisher Scientific, Italy
13.00-14.15	Lunch break		
	<i>Chair: Massimo Breda</i>		
14.15-15.15		Cleaning aspects in R&D: validation and verification in multipurpose plants authorized for the production of APIs and drug products	Salvatore Grillo , Chiesi Farmaceutici S.p.A., Italy
15.15-16.15		Introduction to Analytical Method Development and Phase-Appropriate Validation	Arnaud Fillius , Aptuit (Verona) S.r.l, an Evotec Company, Italy

16.15-16.45	<i>Coffee break</i>		
	<i>Chair: Marina Naldi</i>		
16.45-17.45	PhD presentations	Elagolix and its derivatives: analytical and theoretical investigations of their atropisomeric properties	Samuele Ciceri , Università degli Studi di Milano, Italy
		Glycan specific MIPs for cancer associated biomarkers	Cecilia Contardi , University of Pavia, Italy
		Exploring the anti-inflammatory and antioxidant effects of thinned young apple polyphenols: evidence from in vitro and ex vivo proteomic studies	Giulio Ferrario , Università degli Studi di Milano, Italy.
20.00	<i>Social dinner</i>		

13th September 2023

	<i>Chair: Alberto Massarotti</i>		
9.00-10.00	PhD presentations	From structure to function: investigating human serum albumin in pathological conditions	Marta Nugnes , Alma Mater Studiorum University of Bologna, Italy
		Identification of new phytocannabinoids in different Cannabis varieties	Fabiana Russo , University of Modena and Reggio Emilia, Italy
		Enantioselective (bio)analysis of novel psychoactive substances (NPs) by liquid chromatography	Ina Varfaj , University of Perugia, Italy
	<i>Chair: Roccaldo Sardella</i>		
10.00-11.00		A bridge between drug substance and drug product: the solid-state matters	Matteo Daldosso , Aptuit (Verona) S.r.l, an Evotec Company, Italy
11.00-11.30	<i>Coffee break</i>		
11.30-12.30		Analytical Aspects for Inhalation products	Enrico Salomi , Chiesi Farmaceutici S.p.A., Italy
12.30-13.30	<i>Lunch break</i>		
	<i>Chair: Caterina Temporini</i>		
13.30-14.30		Microbiology Testing and Environmental monitoring	Valentina Fantato , Eurofins Biolab S.r.l., Milan, Italy
14.30-15.30		Stability in Pharmaceuticals: regulatory requirements and applications	Martina Larini , Aptuit (Verona) S.r.l, an Evotec Company, Italy
15.30-16.30		Specifications and regulatory: DS and DP test, acceptance criteria	Francesco Marino , National Centre for the Control and Evaluation of Medicines (CNCF), Istituto Superiore di Sanità, Italy
16.30-16.45	<i>Closing remarks</i>		