Summer School on Pharmaceutical Analysis Drug development: bioanalytical aspects SPA 2022



Program

21 September 2022			
13.00-14.00	Registration and welcome coffee (starting at 13.30)		
14.10-14.30	Opening ceremony	Chair: Manuela Bartolini	
14.30-15.30	The role of bioanalysis in drug development: present and future challenges	Chiara Rospo UCB, Brussels, Belgium	
		Chair: Massimo Breda	
15.30-16.30	Moving from drug discovery to drug development: the regulatory challenges for a bioanalytical laboratory	Barbara Vaccarini Aptuit (Verona) S.r.l, an Evotec Company, Italy	
16.30-17.30	Bioanalytical sample preparation	Alessandra Ariaudo Merck R.B.M., Ivrea, Italy; an affiliate of Merck KGaA, Darmstadt, Germany	
20.00	Piadina dinner		

22 September 2022			
		Chair: Roccaldo Sardella	
09.00-10.00	Bioanalytical method development and pre- study validation regulatory requirements	Debora Tagliacozzi Menarini Ricerche S.p.A. Italy	
10.00-11.00	Bioanalytical method in-study validation and associated problems	Chiara Baroglio Accelera S.r.l, Nerviano, Italy	
11.00-11.20	Coffee break		
11.20-12.20	Analysis of clinical samples and associated problems	Alessandro Greco Aptuit (Verona) S.r.l, an Evotec Company, Italy	
12.20-13.30	Lunch break	-	
		Chair: Marina Carini	
13.30-14.30	LC-MS and HRMS for bioanalysis of peptides	Simona Scarpella Waters Italy	
14.30-15.30	LC-MS bioanalysis of oligonucleotide drugs: technology considerations and analytical challenges	Luca Ferrari F. Hoffmann-La Roche Ltd, Basel Switzerland	
15.30-15.50	Coffee break		
		Chair: Ersilia De Lorenzi	
15.50-16.50	Bioanalytical LC-MS methods to support analysis of Antibody Drug Conjugates	Federico Riccardi Sirtori Merck R.B.M., Ivrea, Italy; an affiliate of Merck KGaA, Darmstadt, Germany	
	PhD dissertations		
16.50-17.10	New methods for the chemical characterization of non-psychoactive <i>Cannabis sativa</i> L. and evaluation of its bioactivity against human chronic diseases	Lisa Anceschi University of Modena and Reggio Emilia, Modena, Italy.	
20.00	Social dinner		

23 September 2022				
		Chair: Ersilia De Lorenzi		
9.00-10.00	Drug analysis in biological matrices using capillary electrophoresis	Franco Tagliaro University of Verona, Verona, Italy Rossella Gottardo University of Verona, Verona, Italy		
		Chair: Giancarlo Aldini		
10.00-11.00	Metabolomics in drug development	Coral Barbas Centre of Metabolomics and Bioanalysis (CEMBIO), Universidad San Pablo CEU, Madrid, Spain		
11.00-11.20	Coffee break	·		
11.20-12.20	Metabolites in safety testing: solutions to meet the mist requirements	Ellenia Bordini Aptuit (Verona) S.r.l, an Evotec Company, Italy		
	PhD dissertations	Chair: Alberto Massarotti		
12.20-12.40	Through the barrier: cOFM to monitor macromolecules in the brain	Marie-Laure Custers Vrije Universiteit Brussel, Brussels, Belgium		
12.40-13.00	Solid-phase extraction and analyses of naturally occurring compounds of great economic value from plant matrices	Lucia Palumbo "G. d'Annunzio" University of Chieti- Pescara, Chieti Scalo, Italy.		
13.00-14.10	Lunch break			
		Chair: Francesco Epifano		
14.10-15.10	Drug disposition studies with radiolabeled compounds	Sara Meli Accelera S.r.l, Nerviano, Italy		
15.10-16.10	Bioanalytical Data Management: "the magnificent seven" points	Federico Pastori LabWare Italy		
16.10-16.30	Closing remarks			