INTERNATIONAL SUMMERSCHOOL PROGRAMME





BOLOGNA 25 JUNE - 3 JULY 2018

SCHOOL DIRECTOR - PROF SANTI MARIO SPAMPINATO

Program

Monday,25 June

	Monday,25 June	
10,00-10,45	Registration	
10,45-11,00	Opening Address Santi Spampinato (Dept. Pharmacy and Biotechnology - University of	
	Bologna)	
11,00-12,30	Opening lecture	
	John M. Sedivy (Department of Molecular Biology, Cell Biology and Biochemistry, Brown University, USA)	
	Epigenetic Changes and Somatic Retrotransposition in Cellular Senescence and Aging	
Tuesday, 26 June		
9,30-13,00	Laboratory practical experience – Trasversal skills experiences Marco De Cecco	
14,30-15,45	Giorgio Spedicato (Dept. Pharmacy and Biotechnology - University of Bologna) Intellectual property and biotechnological innovation	
15,45-16,00	Break	
16,00-17,30	Marco De Cecco (Department of Molecular Biology, Cell Biology and Biochemistry,	
	Brown University, USA)	
	Cellular Senescence, inflammation and cell-intrinsic initiation of autoimmunity: new molecular	
	paradigms <i>in vitro</i> and <i>in vivo</i>	
	Wednesday, 27 June	
9,30-13,00	Laboratory practical experience – Marco De Cecco	
14,30- 16,30	Round Table Pierluigi Martelli, John Sedivy, Andrea Cavalli	
	Perspective in drug discovery	
16,30-16,45	Break	
16,45-18,00	Jurgen Kraus (Department of Pharmacology and Toxicology, University of Magdeburg) Effects of opioids on immune functions	
	Thursday,28 June	
9,30-10,45	Monica Baiula (Dept. Pharmacy and Biotechnology - University of Bologna) Integrins as therapeutic targets	
10,45-11,00	Break	
11,00-12,15	Andrea Bedini (Dept. Pharmacy and Biotechnology - University of Bologna) Biased agonism at GPCRs as a novel avenue for more effective and safer drugs: the paradigm of opioid receptors	

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14,30-16,00	Maurizio Crestani (University of Milano - School of Pharmacy) Genetic and epigenetic pathways in drug discovery (1): Nuclear receptors as pharmacological targets	
16.00-16,15	Break	
16,15-17,45	Maurizio Crestani (University of Milano - School of Pharmacy) Genetic and epigenetic pathways in drug discovery (2): Epigenetics of energy metabolism in diabetes	
9,30 -11,00	Friday, 29 June Catherine Lindon (Department of Pharmacology – University of Cambridge) Targets for drug development in ubiquitin-proteasome pathways	
11,00-11,15	Break	
11,15-12,45	Rita Morigi (Dept. Pharmacy and Biotechnology - University of Bologna)	
	Targeting G-quadruplex structures: an attractive strategy for anticancer drug discovery	
14,30-16,00	Nico Mitro (University of Milano - School of Pharmacy) Strategies to unravel, validate and confirm a novel mitochondrial regulator (Part I)	
15,30-15,45	Break	
15,45-17,00	Nico Mitro (University of Milano - School of Pharmacy) Strategies to unravel, validate and confirm a novel mitochondrial regulator (Part II)	
	Monday,2 July	
9,30-13,00	Laboratory practical experience - Trasversal skills experiences Monica Baiula-Andrea Bedini	
14,30-16,00	Andrea Banfi (Department of Biomedicine, Basel University Hospital)	
	Therapeutic angiogenesis from vascular biology to regenerative medicine	
16,00-16,15	Break	
16,15-17,45	Milteny Biotech (Bologna) From biotechnology to cell & gene therapy: the history of a translational company	
Tuesday, 3 July		
9,30-13,00	Laboratory practical experience - Monica Baiula-Andrea Bedini	
14,30-16,00	Maurizio Pellecchia (Center for Molecular and Translational Medicine UCR School of Medicine, Riverside USA)	
	NMR- computer- and enthalpy-based design of novel potent covalent XIAP inhibitors	
16,00-17,00	Written examination	

Home Page http://137.204.234.199/summer