



SUMMER SCHOOL ON SMART NANOMATERIALS FOR DRUG DELIVERY

10th - 15th June 2018

CONFERENCE CENTER "PARADISO" - ANACAPRI (NA) - ITALY

10 JUNE - AFTERNOON

6:00 PM **8:00 PM** **Registration - Welcome Cocktail at Hotel Villa Ceselle, Anacapri**

11 JUNE - MORNING SESSION

9:00 AM **9:30 AM** **Registration**

9:30 AM **10:00 AM** **Cosimo Carfagna** **Institute for Polymers Composites and Biomaterials - CNR, Italy**

Opening, welcome and introduction

Andriy Grafov **University of Helsinki, Finland**

10:00 AM **10:30 AM** **Coffee Break**

10:30 AM 12:30 PM Heikki Tenhu University of Helsinki, Finland *Smart polymers and nanoparticles*

12:30 PM 1:30 PM Bartosz Tylkowski University of Rovira I Virgili, Tarragona, Spain *Encapsulation Technologies Shedding Light on new benefits*

1:30 PM **2:30 PM** **Lunch**

11 JUNE - AFTERNOON SESSION

2:30 PM 4:30 PM Daniela Corda Institute of Protein Biochemistry - CNR, Naples, Italy *The cellular receptor of the glycerophosphoinositols and its involvement in the control of inflammation and tumor invasion*

4:30 PM **5:00 PM** **Coffee Break**

5:00 PM 6:00 PM Gennaro Gentile IPCB - CNR, Pozzuoli (NA), Italy *Electron microscopy for the characterization of nanomaterials*

12 JUNE - MORNING SESSION

9:00 AM 11:00 AM Giancarlo Morelli Federico II University of Naples, Naples, Italy *Peptide-targeted liposomes for selective drug delivery: advantages and problematic issues*

11:00 AM **11:30 AM** **Coffee Break**

11:30 AM 1:30 PM Pamela Habibović Maastricht University, The Netherlands *Designing instructive biomaterials for tissue and organ regeneration.*

1:30 PM **2:30 PM** **Lunch**

12 JUNE - AFTERNOON SESSION

2:30 PM 4:30 PM Alexander B. Rozhenko Institute of Organic Chemistry, NAS of Ukraine *Modern approaches to computational studies of supramolecular structures*

4:30 PM **5:00 PM** **Coffee Break**

5:00 PM 6:00 PM Vincenzo Guarino IPCB - CNR, Pozzuoli (NA), Italy *Design of drug delivery systems via electrofluidodynamics*

13 JUNE - MORNING SESSION

9:00 AM 11:00 AM Andriy Grafov University of Helsinki, Finland *Smart inorganic nanomaterials for drug delivery*

11:00 AM **11:30 AM** **Coffee Break**

11:30 AM 1:30 PM Roberto Fattorusso University of Campania Luigi Vanvitelli, Caserta (NA), Italy *Nuclear Magnetic Resonance methodologies for drug discovery*

1:30 PM **2:30 PM** **Lunch**

13 JUNE - AFTERNOON

OPTIONAL CAPRI BOAT TOUR

14 JUNE - MORNING SESSION

9:30 AM	11:00 AM	Lucy Di Silvio	King's College London, United Kingdom	<i>Reconstructing Identity – the Role of Scaffolds, Cells and Molecules</i>
11:00 AM	11:30 AM	Coffee Break		
11:30 AM	1:30 PM	Marianna Kemell	University of Helsinki, Finland	<i>Synthesis of smart nanomaterials by electrospinning, anodization, and ALD</i>
1:30 PM	2:30 PM	Lunch		

14 JUNE - AFTERNOON SESSION

2:30 PM	3:30 PM	Ivana D'Angelo	University of Campania Luigi Vanvitelli, Caserta (NA), Italy	<i>Polymeric nanoparticles for drug delivery to the lung</i>
3:30 PM	4:00 PM	Coffee Break		
4:00 PM	6:00 PM	Poster Presentation		
7:00 PM		Departure to restaurant for the social dinner		

15 JUNE - MORNING SESSION

9:00 AM	11:00 AM	Alice Mija	University of Nice Sophia Antipolis, Nice, France	<i>Mesoporous organic-inorganic matrix for drug release</i>
11:00 AM	11:30 AM	Coffee Break		
11:30 AM	1:30 PM	Ana Paula Pego	University of Porto, Portugal	<i>Engineering drug delivery systems at the nanoscale to beat extra- and intracellular barriers</i>
1:30 PM	2:30 PM	Lunch		

15 JUNE - AFTERNOON SESSION

2:30 PM	4:00 PM	Maria Grazia Raucci	IPCB - CNR, Pozzuoli (NA), Italy	<i>Relationship between surface properties and cellular behavior</i>
4:00 PM	4:30 PM	Coffee Break		
4:30 PM	6:00 PM	Evaluation test for ECTS credits		