





DEPARTMENT OF CHEMISTRY AND TECHNOLOGIES OF DRUGS
DEPARTMENT OF CHEMISTRY

EPNOE WORKSHOP

POLYSACCHARIDES IN DRUG DELIVERY - ON THE ROAD TO INNOVATION!

FOR AGENDA AND MORE INFO: EPNOE.EU

ROME, SAPIENZA UNIVERSITY
OCTOBER 27-28, 2022

Sapienza University Campus

Thursday, October 27th, 2022

	Opening (9:30-10:00) (C. Freire - P. Matricardi)
	1st session (S. Arpicco – J. Kovensky)
10:00 – 10:50	Maria José Alonso (University of Santiago de Compostela) <i>Polysaccharide-based nanocarriers for local and systemic delivery of oncological drugs</i>
10:50 – 11:40	Elias Fattal (University of Paris-Saclay) <i>Hyaluronic acid as a multi-target ligand in guiding nanomedicines</i>
11:40 – 12:00	F. Cavalieri <i>Glycogen nanofactory: towards advances biological materials</i>
12:00 – 12:20	B. Brugnoli <i>Antimicrobial 2D-matrices based on alginate as wound dressings</i>
12:20 – 12:45	Discussion
12:45 – 14:00	Lunch
	2nd session (C. Freire - N. Tirelli)
14:00 – 14:50	Andreas Bernkop-Schnürch (University of Innsbruck) <i>Thiolated polysaccharides: from the bench to market</i>
14:50 – 15:40	Carsten Huetterman (IFF) <i>How to overcome modified release formulation challenges using optimized hypromellose properties</i>
15:40 – 16:00	Break
16:00 – 16:15	Technical session (QI)
16:15 – 16:35	A. Rubira <i>Dual-responsive chitosan-based microgels for oral drug delivery purposes</i>
16:35 – 16:55	T. Esposito <i>Stabilization of a Chlorella functional extract into a multicomponent spray dried microsystems based on oxa-modified starch and inulin</i>
16:55 – 17:30	Discussion
19:00	Social dinner @ Nobile Collegio Chimico Farmaceutico (Universitas Aromatoriorum Urbis) <i>Informal dress</i>





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Friday, October 28th, 2022

	3rd session (E. Fattal – P. Paolicelli)
09:30 – 10:20	José Kovensky (University of Amiens) <i>Targeting cancer cells by defined small oligohyaluronates-decorated liposomes</i>
10:20 – 11:10	Nicola Tirelli (Italian Institute of Technology) <i>Knowns and unknowns in the use of hyaluronic acid for targeting purposes</i>
11:10 – 11:30	E. Bedini <i>Sulfated glycosaminoglycan-like semi-synthetic polysaccharides for biomedical purposes</i>
11:30 – 11:50	A. Lopedota <i>Colonic delivery of budesonide by sensitive multiple triggers microspheres for the treatment of inflammatory bowel disease in paediatric age</i>
11:50 – 12:30	Discussion
12:30 – 14:00	Lunch
	4th session (C. Di Meo – B. Stella)
14:00 – 14:15	Technical session (Alfatest)
14:15 – 15:05	Ivan Donati (University of Trieste) <i>Tuning the mechanical response of polysaccharide-based substrates to control cell activity</i>
15:05 – 15:25	M.M. Corsaro <i>The acetyl-rich capsular polysaccharide isolated from the vesiculating bacterium Shewanella vesiculosa HM13</i>
15:25 – 15:45	V. Dulong <i>Microgels based on polysaccharides obtained by enzymatic crosslinking in emulsion for drug delivery systems</i>
15:45 – 16:15	Discussion
16:15 – 16:30	Conference conclusion (P. Caliceti – P. Fardim)