

Thursday, June 16th 2022

9:00 - 9:25	<b>E. Bourgeat-Lami</b> Visible-light photopolymerization in dispersed media: synthesis of conventional and inorganic-armored latexes	<b>A. Herrmann</b> Sonopharmacology and sonogenetics: remote controlling the activity of drugs, proteins and genes by ultrasound employing mechanochemistry	<b>S. Thayumanavan</b> Reactive self-assembly of polymers and proteins for therapeutic applications	<b>J. Kallitsis</b> Water-based antimicrobial polymeric coatings for air-filters	<b>O. Rojas</b> Renewable nanoparticles and the role of water in superstructured and multiphase materials
9:25 - 9:50	<b>C. Boyer</b> Seeing the light: advancing macromolecular synthesis for 3D printing and surface functionalization	<b>C. Weder</b> Mechanochromic polymers based on supramolecular mechanophores	<b>A. Finne Wistrand</b> Scaffold microenvironment manipulation; modular design strategy and spatiotemporal control of growth factors and drug delivery using scaffolds with photolytic properties	<b>E. Appel</b> Polyacrylamide copolymers for improving protein formulation and preventing biofouling on medical devices	<b>M.-P. Laborie</b> t.b.a.
9:50 - 10:05	<b>Y. Guillaneuf</b> Radical ring-opening polymerization as a powerful tool to prepare degradable materials	<b>M. Golder</b> Advances in mechanoredox polymerization reactions	<b>F. Adams</b> Performance of spermine-based amphiphilic copolymers as non-viral vectors for siRNA therapy	<b>S. Laroque</b> Synthesis and structure-activity relationship of antimicrobial star copolymers	<b>T. Hickman</b> Making cellulose-based films work in high humidity
10:05 - 10:20	<b>E. Liarou</b> Dynamic polymer reshaping using visible light and darkness	<b>L. Arsenie</b> Dynamic self-assembled nucleobase copolymers in water: new stimuli-responsive platforms for future biological applications	<b>Y. Cai</b> Main-chain enediyne polymers: synthesis and Bergman-cyclization for DNA-cleavage and the formation of stable radicals	<b>I. Otsuka</b> Electrospinning of functional polysaccharide derivatives towards biomedical applications	<b>J. Wolfs</b> Sustainable cellulose functionalization approaches using the DMSO/DBU/CO <sub>2</sub> switchable solvent system
10:20 - 10:35	<b>M. Silverstein</b> Advances in emulsion templating: hierarchical porosities, tough hydrogels, and encapsulation	<b>L. Delafresnaye</b> Microspheres from (sun)light – a sustainable materials platform	<b>C. Rodriguez-Emmenegger</b> Combisomes: biomimetic vesicles by the self-assembly of amphiphilic comb polymers	<b>P. Fernandez-Trillo</b> Polylon complex particles to deliver antimicrobials peptides	<b>C. Gomri</b> Facile surface modification of cellulose nanocrystal (CNC) by physisorption.

10:35 - 11:00	Coffee break
11:00 - 11:30	<b>Maria Vamvakaki</b> - Main chain photodegradable polymers
11:30 - 12:00	<b>Matthew Tirrell</b> - Hetero-charged polymer systems in multi-valent ionic media
12:00-12:30	Award Ceremony and Conference Closure