

Poster Session

Katrin Ademmer	Exploring Swelling Behaviour and Antifouling Properties of Highly Crosslinked Zwitterionic
Aabha Bajaj	Zwitterionic copolymer nanodiscs for homogenous solubilization of liposomes - Efforts towards Membrane Protein Stabilization
Romina Berger	Tuning the UCST-Type Liquid-Liquid Phase Separation Behavior of Sulfobetaine Copolymers via Charge-Asymmetry
Negin Bouzari	Zwitterionic Stimuli-Responsive Hydrogels for Soft Robotic Applications
Michelle Buchholz	Interpolyelectrolyte Complexes of Chitosan and Poly(methacrylic acid): Tuning Nanostructure through Hydrophobic and Quaternary Ammonium Modifications
Chia Chih Chang	Light-Driven Polymerization to Afford Functional Hydrophilic Polymers with Anti-fouling Property, Programmable Degradation and Thermoresponsiveness
Tao Chen	Mimicking Color-Changing Organisms to Enable the Multicolors and Multifunctions of Smart Fluorescent Polymeric Hydrogels
Ying Nien Chou	Surficial Bonded Zwitterionic Modification for Anti-fouling and Biosensor Applications
Tatsuro Goda	Conformation-Dependent Cytosolic Translocation of Oligonucleotides Mediated by a Phospholipid-Mimicking Zwitterionic Copolymer
Changhao Hu	Thermo-responsive interpolyelectrolyte complexes (IPECs): molecular design, mesoscopic structure, drug solubilisation

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Xiaohao Hu	Precision Functionalization and Electrophoretic Sorting of Amine-Functionalized Polymer-Coated Gold Nanoparticles
Chun Jen Huang	Functional Silatranes as a New Type of Building Blocks for Surface Engineering and Polymer Synthesis
Andrey Iljin	What if to cope ferroelectric nematics with zwitterionics?
Seokhyun Jang	Photoinduced Immobilization of Zwitterionic Polymer Coatings for Enhanced Antifouling Performance of Composite Resins
Markus Klapper	Twitter ionic polymers as surface active molecules on inorganic particle
Michelle Kobus	Plasma/Click-Functionalization of Plastics: Systematic Evaluation of Structure-Performance Relationships in Low-Fouling Zwitterionic Polymer Brushes
Yuto Kusunoki	Synthesis of Zwitterionic Surfactants for Nanoparticle Extraction and Structural Analysis of Self-Assembled Structures by Small-Angle Neutron Scattering
Eunji Lee	Comparative Mechanistic Analysis of Zwitterionic and Pseudo-Zwitterionic Hydrogel Coatings for Anti-Icing Applications
Kejing Li	Ionomer–Polyelectrolyte Complexes as Tunable Nanofiltration Membrane Materials
Mingzhong Li	Pharmaceutical Cocrystals: Route of Molecules to Patient-Centric Medicine

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Peixun Li	Structure-property relationships in ethoxylated quaternary cationic and tertiary amine surfactants: impacts of molecular architecture and pH on interfacial behavior and self-assembly
Kunpeng Liu	Polyglycerol-based zwitterionic-like copolymer coating for Antifouling and Bactericidal Functions on Blood-Contacting PVC Devices
Ana Elena Moran Espinoza	Phosgene-Free Route to High-Purity Sarcosine N-Carboxyanhydride for the Controlled Synthesis of High-Molecular-Weight Polysarcosine
Alexander Münch	Toward Reusable Particle-Based Materials: Selective Recovery of Distinct Nanoparticulate Species from Model and Device Surfaces using Poly(phosphorylcholines) coatings
Nahiel Preciado Rivera	Injectable dynamic crosslinked zwitterionic hydrogels as a viscosupplement for osteoarthritis treatment
Martin Reifarth	Hydrophilic polymer brush surfaces for cell interface patterning
Noel Rene Schneider	Hydrophilic Poly(Iminopyridinium Ylide)s: Defining a New Chemical Space for Poly(ylide)s
Vladislav Semak	Polyzwitterionic Coating of Porous Adsorbents for Therapeutic Apheresis
Rene Soenderbaek Joergensen	A role for zwitterionic surfaces in advanced hull coatings -helping to decarbonize the shipping industry
Johannes Steffen	Enhancing the mechanical properties of a polyzwitterionic hydrogel

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George Stiubianu	A role for zwitterionic surfaces in advanced hull coatings -helping to decarbonize the shipping industry
Kristopher Waynant	Synthesis, optimization, and evaluation of peptide-based zwitterionic cross-linkers and their use in polyampholyte materials
I Hsuan Yang	Zwitterionic Functional Polysaccharide Hydrogels via Charge-Balanced Design for Postoperative Adhesion Prevention
Kai Zhang	Bioinspired native nanostructured materials for energy generation