

Monday, September 29 th	
Auditorium Renato Araújo – Central and Rectorate Building University of Aveiro	
13:30 - 19:00	Registration
14:30 - 15:00	Opening Ceremony Artur Silva (Vice-Rector for Research, Innovation and 3 rd Cycle of the University of Aveiro, Portugal) João Borges & João F. Mano (Coordinators of SupraLife project at the University of Aveiro, Portugal)
Chairs: João Borges (University of Aveiro, Portugal) & João F. Mano (University of Aveiro, Portugal)	
15:00 - 15:45	PL1. Samuel Stupp (Northwestern University, USA) <i>Bioactive supramolecular materials for regenerative medicine</i>
15:45 - 16:30	PL2. Alberto Saiani (The University of Manchester, UK) <i>Engineering β-sheet peptide supramolecular hydrogels for biomedical applications</i>
16:30 - 17:30	Coffee Break & Poster Session
Chairs: Matthew Webber (University of Notre Dame, USA) & Mónica Martínez-Orts (Institute for Advanced Chemistry of Catalonia, Spain)	
17:30 - 18:15	PL3. Ian Hamley (University of Reading, UK) <i>Bioactive self-assembling peptides and lipopeptides</i>
18:15 - 18:30	OC1. Carlos Redondo-Gómez (i3S, University of Porto, Portugal) <i>An enzyme-regulated peptide hydrogel model to mimic pathological calcifications</i>
18:30 - 18:45	OC2. Torsten John (Constructor University, Germany) <i>Molecular mechanisms of peptide assembly for biomaterials</i>
18:45 - 19:00	OC3. Mohamed Elsayy (The University of Manchester, UK) <i>Antibacterial peptide nanofibers: A promising strategy for combating antimicrobial resistance in infected wounds</i>
19:00 - 21:30	Welcome Reception
Tuesday, September 30 th	
Auditorium Renato Araújo – Central and Rectorate Building University of Aveiro	
8:30 - 17:00	Registration
Chairs: Tina Vermonden (Utrecht University, The Netherlands) & Francisco Fernandes (Sorbonne University, France)	
9:00 - 9:45	PL4. João F. Mano (University of Aveiro, Portugal) <i>Multi-scale assembly of cells-rich constructs</i>
9:45 - 10:30	PL5. Cecília Roque (FCT-NOVA University of Lisbon, Portugal) <i>Protein based materials – Bioinspired systems for unusual applications</i>
10:30 - 11:30	Coffee Break & Poster Session
Chairs: Ian Hamley (University of Reading, UK) & Ana Rita Pinho (University of Aveiro, Portugal)	
11:30 - 11:45	OC4. Francisco Fernandes (Sorbonne University, France) <i>Ice templating extracellular matrix proteins as a pathway to develop multi-tubular tissue biomimetic hydrogels</i>
11:45 - 12:00	OC5. Michele Bianchi (University of Modena and Reggio Emilia, Italy) <i>Multifunctional biointerfaces based on micro/nanopatterned (conductive) materials</i>

12:00 - 14:30	Lunch Break & Networking
Chairs: Alberto Saiani (The University of Manchester, UK) & Colin Bonduelle (University of Bordeaux, France)	
14:30 - 15:15	PL6. Matthew Webber (University of Notre Dame, USA) <i>Supramolecular design for on-demand delivery of insulin and glucagon</i>
15:15 - 16:00	PL7. Tina Vermonden (Utrecht University, The Netherlands) <i>Dynamic shrinking hydrogels to engineer narrow tubular structures</i>
16:00 - 16:15	OC6. Stefan Mommer (ETH Zurich, Switzerland) <i>Tough supramolecular hydrogels through homoternary CB[8] host-guest complexation</i>
16:15 - 16:30	OC7. Bárbara Matos (i3S, University of Porto, Portugal) <i>Supramolecular peptide nanostructures for prostate cancer targeted drug delivery</i>
16:30 - 16:45	OC8. Sanne van de Looij (Utrecht University, The Netherlands) <i>Thermo-adaptive hydrogels for mechanical stimulation in cartilage tissue engineering</i>
16:45 - 17:00	OC9. Julián Fuentes (University of Aveiro, Portugal) <i>Desolvation-induced assembly of human platelet lysate into nanoparticles for controlled drug delivery</i>
17:00 - 19:00	Coffee Break & Poster Session
21:30 - 23:30	Young Scientists' Networking Forum
Wednesday, October 1st Auditorium Renato Araújo – Central and Rectorate Building University of Aveiro	
Chairs: Job Boekhoven (Technical University of Munich, Germany) & Roza Szveda (Adam Mickiewicz University, Poland)	
8:30 - 17:00	Registration
9:00 - 9:45	PL8. E. W. "Bert" Meijer (Eindhoven University of Technology, The Netherlands) <i>From supramolecular polymers to functional materials and systems</i>
9:45 - 10:30	PL9. Patricia Dankers (Eindhoven University of Technology, The Netherlands) <i>From design of supramolecular monomers to unexpected supramolecular polymer behavior – Possibilities for cell and organoid cultures</i>
10:30 - 11:15	Coffee Break & Poster Session
Chairs: Christoph Weder (University of Fribourg, Switzerland) & Michele Bianchi (University of Modena and Reggio Emilia, Italy)	
11:15 - 11:30	OC10. Mónica Martínez-Orts (Institute for Advanced Chemistry of Catalonia, Spain) <i>A promising strategy to trigger superselective disassembly of stimuli-responsive supramolecular fibers</i>
11:30 - 11:45	OC11. Bram Bakker (Eindhoven University of Technology, The Netherlands) <i>Dynamic, robust and bioactive ureidopyrimidinone-platelet lysate hybrid hydrogels</i>
11:45 - 12:00	OC12. Julieta Paez (University of Twente, The Netherlands) <i>Nucleic acid bioinspired, conductive, fibrillar supramolecular hydrogels for engineering heart tissue models</i>
12:00 - 12:15	OC13. Roza Szveda (Adam Mickiewicz University, Poland) <i>Translation of encoded chiral information into polymer properties</i>
12:15 - 12:30	OC14. Victor Veenbrink (Eindhoven University of Technology, The Netherlands) <i>Automated discovery of ECM-mimicking supramolecular assemblies through cell painting and machine learning</i>

12:30 - 14:30	Lunch Break & Networking
Chairs: E. W. “Bert” Meijer (Eindhoven University of Technology, The Netherlands) & Rui Sun (University of Bristol, UK)	
14:30 - 15:15	PL10. Job Boekhoven (Technical University of Munich, Germany) <i>Regulating non-equilibrium self-assembly with chemical fuels – Spinning ribbons, dissipative structures, and an approach towards synthetic life</i>
15:15 - 15:30	OC15. Valeria Castelletto (University of Reading, UK) <i>Minimal peptide sequences that undergo liquid–liquid phase separation via self-coacervation or complex coacervation with ATP</i>
15:30 - 15:45	OC16. David Reis (ITQB, NOVA University of Lisbon, Portugal) <i>Catalytic peptide-based coacervates for enhanced function through structural organization and substrate specificity</i>
15:45 - 16:00	OC17. Sudeep Koppayithodi (University Jaume I, Spain) <i>Reactive coacervates show budding and membrane formation</i>
16:00 - 16:15	OC18. Federica Pedrini (Università degli Studi di Roma “Tor Vergata”, Italy) <i>Dynamic DNA nanomaterials enabled by enzyme-mediated dissipative hybridization chain reaction</i>
16:15 - 16:30	OC19. Elena Spezzani (University of Parma, Italy) <i>Monitoring multivalent DNA origami-cell interactions in real time via single particle tracking</i>
16:30 - 17:00	Coffee Break & Poster Session
18:00	Meeting time for Gala Dinner at the Central and Rectorate Building University of Aveiro
19:00 - 23:00	Gala Dinner
Thursday, October 2nd Auditorium Renato Araújo – Central and Rectorate Building University of Aveiro	
Chairs: Cecília Roque (FCT-NOVA University of Lisbon, Portugal) & Mohamed Elsayw (The University of Manchester, UK)	
9:00 - 9:45	PL11. Colin Bonduelle (University of Bordeaux, France) <i>Polypeptides: from proteins to new approaches in polymer synthesis</i>
9:45 - 10:30	PL12. Luisa De Cola (University of Milano, Italy) <i>Supramolecular and hybrid responsive nanomaterials for living organism</i>
10:30 - 11:30	Coffee Break & Poster Session
Chairs: Julieta Paez (University of Twente, The Netherlands) & Dominik Schauenburg (Maastricht University, The Netherlands)	
11:30 - 11:45	OC20. Qi Wang (Radboud University Nijmegen, The Netherlands) <i>A universal supramolecular clamping strategy for proximity-induced reactivity on polymersome interfaces</i>
11:45 - 12:00	OC21. Valentin Marot (University of Bordeaux, France) <i>Polypeptide-based in situ forming depots as long-acting injectable for the controlled release of therapeutic molecules</i>
12:00 - 12:15	OC22. Shree Bagchi (Eindhoven University of Technology, The Netherlands) <i>Bottom-up synthesis of artificial cells – Engineering life-like systems</i>
12:15 - 12:30	OC23. Ana Rita Pinho (University of Aveiro, Portugal) <i>Engineering compartmentalized self-assembling scaffolds for in vitro modeling of complex tissues</i>

12:30 - 14:30	Lunch Break & Networking
Chairs: Luisa De Cola (University of Milano, Italy) & Torsten John (Constructor University, Germany)	
14:30 - 15:15	PL13. Christoph Weder (University of Fribourg, Switzerland) <i>Mechanochromic polymers made with supramolecular mechanophores</i>
15:15 - 15:30	OC24. Dominik Schauenburg (Maastricht University, The Netherlands) <i>Tuning life-like materials: From reversible bonds to regenerative function</i>
15:30 - 15:45	OC25. Iana Lychko (FCT-NOVA University of Lisbon, Portugal) <i>Reflectin-inspired self-assembling systems for functional supramolecular biomaterials</i>
15:45 - 16:00	OC26. Edoardo Sisti (Istituto di Ricerche Farmacologiche Mario Negri, Italy) <i>Hybrid hydrogels for locoregional drug delivery</i>
16:00 - 17:00	Coffee Break & Poster Session
17:00 - 19:00	Social Program
Friday, October 3rd Auditorium Renato Araújo – Central and Rectorate Building University of Aveiro	
Chairs: Patricia Dankers (Eindhoven University of Technology, The Netherlands) & Paulina N. Bernal (University Medical Center Utrecht, The Netherlands)	
9:00 - 9:45	PL14. Carlijn Bouten (Eindhoven University of Technology, The Netherlands) <i>Materials-driven in-situ tissue regeneration</i>
9:45 - 10:30	PL15. Marcy Zenobi-Wong (ETH Zurich, Switzerland) <i>Architecting Scaffolds with Light</i>
10:30 - 11:30	Coffee Break & Poster Session
Chairs: Marcy Zenobi-Wong (ETH Zurich, Switzerland) & Stefan Mommer (ETH Zurich, Switzerland)	
11:30 - 11:45	OC27. Hossein Goodarzi Hosseinabadi (Eindhoven University of Technology, The Netherlands) <i>Supramolecular heart patch for controlled drug release and mechanical support in myocardial infarction therapy</i>
11:45 - 12:00	OC28. Paulina N. Bernal (University Medical Center Utrecht, The Netherlands) <i>Dynamic hybrid gelatin bioresins with supramolecular-covalent networks for enhanced cell migration and self-assembly in volumetric light-based bioprinting</i>
12:00 - 12:30	Closing Ceremony, Best Oral and Poster Awards João Borges & João F. Mano (University of Aveiro, Portugal)