

Programme

09:30	Registration and Refreshments
10.25	Session 1 Chair: Nicola Tirelli <i>The University of Manchester, UK</i>
10.25	Welcome from Meeting Chair Brian Saunders <i>The University of Manchester, UK</i>
10:30	Keynote: Building new biomaterials from the bottom up Dek Woolfson <i>University of Bristol, UK</i>
11.10	Keynote: Cryo-TEM in the study of biomimetic materials Nico Sommerdijk <i>Eindhoven University of Technology, The Netherlands</i>
11.50	Improved characteristics of salmon calcitonin by site specific PEGylation: stability, pharmacokinetics and in vivo hypocalcemic efficacy Sinead Ryan*, X Wang, G Mantovani, D M Haddleton and D J Brayden <i>University College Dublin, Ireland</i>
12:05	Lactide polymerization co-initiated by carbohydrate esters and pyranoses Min Tang*, Molly Stevens and Charlotte K Williams <i>Imperial College, London, UK</i>
12:20	Control of calcite crystallisation via self-assembled monolayers Colin Freeman*, John H Harding and Dorothy M Duffy <i>University of Sheffield, UK</i>
12.40	Lunch and poster session
13.40	Session 2: Chair: Steve Rimmer <i>University of Sheffield, UK</i>
13.40	Keynote: Using polymeric nanoparticles to sense the intracellular environment Jonathan Aylott <i>University of Nottingham, UK</i>
14.20	Keynote: Designing peptide nanomaterials for biological and non-biological applications Rein Ulijn <i>The University of Manchester, UK</i>
15:00	The use of novel ABA triblock copolymer gelators to prevent contraction in burns Karima Bertal*, Sheila MacNeil, Jeppe Madsen, Steven P Armes and Andrew L Lewis <i>University of Sheffield, UK</i>
15:15	Designing the properties of hydrogels from self-assembling octa-peptides Elisabeth Vey*, A Miller and A Saiani <i>The University of Manchester, UK</i>
15:30	Designing peptide actuators for enzyme-responsive gel microparticles Tom McDonald*, Brian Saunders and Rein Ulijn <i>The University of Manchester, UK</i>
15.50	Refreshments and poster session
16.20	Session 3: Chair: Brian Saunders <i>The University of Manchester, UK</i>
16.20	Keynote: Cell culture with amphiphilic polymer networks Steve Rimmer <i>University of Sheffield, UK</i>
17.00	Closing remarks