

Monday 18 November 2024 (All times shown are CST)

13:30-17:30	Registration
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Tuesday 19 November 2024 (All times shown are CST)

08:30	Registration
09:00	Welcome Conference Chair
	Session 1 Chair: Zhiyong Tang
09:10	Intrinsic flexibility: materials and devices Yunqi Liu <i>Institute of Chemistry, Chinese Academy of Sciences (ICCAS), China</i>
09:40	Organic electrochemical neurons for closed-loop bioelectronics Simone Fabiano <i>Linköping University, Sweden</i>
10:10	Bioinspired smart adhesive materials and actuators Feilong Zhang <i>Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, China</i>
10:30	Break and group photo
	Session 2 Chair: Martina Stenzel
10:45	Cascade reactions in confined polymeric modules Katharina Landfester <i>Max Planck Institute for Polymer Research, Germany</i>
11:15	De novo design of glycopolymers for controlling the molecular recognitions Yoshiko Miura <i>Kyushu University, Japan</i>
11:35	Polymers disrupt TLR9 recognition to cell-free DNA and inhibit inflammation thereof Yongming Chen <i>Henan University, China</i>
11:55	Lunch and posters
	Session 3 Chair: Hao Wang
13:30	Controlling macromolecular self-assembly by reactions and structures of saccharides Guosong Chen <i>Fudan University, China</i>
14:00	Chiral hybrid nanostructures via precision molecular engineering and block copolymer supramolecular self-assembly for advanced functions Dong Ha Kim <i>Ewha Womans University, South Korea</i>
14:20	Chiral peptides immunosuppressive modulation for tissue engineering Yunlong Zhou <i>Wenzhou Institute, UCAS, China</i>
14:40	Flash presentations

15:10	Break
	Session 4 Chair: Xing-Jie Liang
15:30	Multifunctional composite scaffolds for breast cancer treatment and adipose tissue regeneration Guoping Chen <i>National Institute for Materials Science, Japan</i>
16:00	Construction of zwitterionic polymer system and its treatment for osteoarthritis Jing Xie <i>Sichuan University, China</i>
16:20	Exercise-induced piezoelectric stimulation for cartilage regeneration Yang Liu <i>Peking University School of Stomatology, China</i>
16:40	Poster session
18:00	Close

Wednesday 20 November 2024 (All times shown are CST)

08:30	Registration
08:50	Welcome Conference Chair
	Session 5 Chair: Katharina Landfester
09:00	Intelligent wearable skins for connected healthcare Wenlong Cheng <i>The University of Sydney, Australia</i>
09:30	Soft and permeable electronics Zijian Zheng <i>The Hong Kong Polytechnic University, Hong Kong SAR, China</i>
10:00	Towards high-performance environment-friendly n-type polymeric ink for bio-electronics Chi-Yuan Yang <i>Linköping University, Sweden</i>
10:20	Break
	Session 6 Chair: Xiaohui Qiu
10:30	Bioinspired adhesive interfacial materials Shutao Wang <i>Technical Institute of Physics and Chemistry, CAS, China</i>
11:00	A novel electrochemical conducting polymer sensor for the rapid, selective and sensitive detection of biothiols Bicheng Zhu <i>University of Auckland, New Zealand</i>
11:20	High strength and high toughness polymeric fiber as anisotropic extracellular matrix Xiaojian Liao <i>Tianjin University, China</i>
11:40	Flash presentations
12:10	Lunch and posters
	Session 7 Chair: Yongming Chen
14:00	Sugar-coated nanoparticles big and small – how polymer science can enhance nanomedicine Martina Stenzel <i>University of New South Wales, Australia</i>
14:30	Engineering DNA nanodevices for biomedical applications Baoquan Ding <i>National Center for Nanoscience and Technology, China</i>
15:00	The photoactivated artificial nanomotors with polymeric kinetic systems for biomedical applications Xibo Yan <i>Tianjin University, China</i>
15:20	Break
	Session 8 Chair: Baoquan Ding
15:45	In situ construction of Nano-PROTAC Hao Wang <i>National Center for Nanoscience and Technology, China</i>

16:15	Leveraging liquid-liquid phase separation to engineer hydrogel microstructures and control cellular behavior Linqing Li <i>University of New Hampshire, USA</i>
16:35	Meet the Editor panel discussion Chair: Martina Stenzel Guoping Chen Yoshiko Miura Dong Ha Kim Wenlong Cheng
17:15	Closing remarks and poster prize presentation
17:30	Close of symposium

Please note this programme is subject to change.