



HKU Med
School of Clinical Medicine
Department of Orthopaedics
& Traumatology
香港大學矯形及創傷外科學系



中国复合材料学会
CHINESE SOCIETY FOR COMPOSITE MATERIALS

The Second BJ-HK Symposium on Biocomposite Materials and Chinese Association for Biomaterials Annual Meeting 2026

8-10th January 2026

📍 The University of Hong Kong

Preliminary Program

**below program is tentatively planned, the program is subject to change*

8 January 2026 (Thursday) - Day 1: Lectures

Time	Topic	Speaker
13:30-14:00	Registration / Check-in for participants	
14:00-14:05	Opening Speech	Prof. Yufeng ZHENG
14:05-14:10	Group Photo Session	
	Moderator:	Prof. Xin ZHAO and Prof. Gang LI
14:10-14:22	Invited Lecture (10 mins) & Q&A (2 mins) 仿生银纳米颗粒@抗菌肽 / 丝素蛋白涂层的感染响应型抗菌性能及骨整合增强作用	Prof. Wenhao ZHOU Northwest Institute for Non-ferrous Metal Research
14:22-14:34	Invited Lecture (10 mins) & Q&A (2 mins) Polymeric Nanoplatfoms to Mitigate Cisplatin-Induced Ototoxicity	Prof. Lesan YAN Wuhan University of Technology
14:34-14:46	Invited Lecture (10 mins) & Q&A (2 mins) Biomanufacturing Technologies in Organ Reconstruction	Prof. Zhuo XIONG Tsinghua University
14:46-14:58	Invited Lecture (10 mins) & Q&A (2 mins) 靶向ATP合成：通过调控细胞代谢与形态实现骨稳态与骨再生平衡	Prof. Xin ZHAO The Hong Kong Polytechnic University
14:58-15:10	Invited Lecture (10 mins) & Q&A (2 mins) 基于镁离子/氢气协同神经保护作用的脑血管支架材料研制与神经安全性研究	Prof. Ming LI Xuanwu Hospital Capital Medical University
15:10-15:22	Invited Lecture (10 mins) & Q&A (2 mins) Calcium phosphate-based materials for inducing bone regeneration	Prof. Xiangfeng LI Sichuan University
15:22-15:34	Invited Lecture (10 mins) & Q&A (2 mins) A materiomics-designed hydrogel niche for enhanced stem cell-mediated tendon regeneration	Prof. Michelle Dan WANG The Chinese University of Hong Kong
15:34-15:46	Invited Lecture (10 mins) & Q&A (2 mins) Management of Larger Bone Defects: Combination of Biomaterials and Distraction Osteogenesis Techniques	Prof. Gang LI SIAT, Chinese Academy of Sciences
15:46-16:15	Afternoon Break (Approx. 30 mins) Presentation: Teltec product introduction on Biomaterials application	Mr. Alex Ngai Senior Product Manager Teltec Pacific Ltd
	Moderator:	Prof. Kelvin YEUNG, Prof. Yufeng ZHENG
16:15-16:40	Keynote Speech 1 (25 mins)	Prof. Jian YANG
16:40-16:50	Q&A (10 mins)	
	Moderator:	Prof. Shuilin WU, Prof. Yizhou ZHU
16:51-17:03	Invited Lecture (10 mins) & Q&A (2 mins) 3D Microfibrillar Networks and Bio-Integrated Devices	Prof. Lizhi XU The University of Hong Kong
17:03-17:15	Invited Lecture (10 mins) & Q&A (2 mins) Advanced biomaterials and regeneration	Prof. Haobo PAN SIAT, Chinese Academy of Sciences
17:15-17:27	Invited Lecture (10mins) & Q&A (2 mins) 多功能复合材料3D打印支架治疗骨缺损的研究	Prof. Wei ZHANG Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences
17:27-17:45	ePoster presentation (2 mins each presenter)	All ePoster presenters
17:45	Adjourn	
18:00-20:00	Welcome Dinner at Ming Pavilion (SCR 14/F, KK Leung)	By Invitation

9 January 2026 (Friday) - Day 2: Lectures

Time	Topic	Speaker
09:00-09:15	Registration / Check-in for participants	
	Moderator:	Prof. Jian YANG, Prof. Kelvin YEUNG
09:15-09:45	2026 Bioactive Materials Lifetime Achievement Award Presentation (ZOOM)	Winner: Prof. Robert Langer MIT
09:45-10:20	Plenary lecture (ZOOM) Biomaterials & Biotechnology: From the discovery of the first angiogenesis inhibitors to the development of controlled drug delivery systems and the foundation of tissue engineering	Prof. Robert Langer MIT
10:20-10:25	Q&A (5 mins)	
10:25-10:45	Morning break (20mins)	
	Moderator:	Prof. Jian YANG, Prof. Kelvin YEUNG
10:45-11:10	Keynote Speech 2 (25 mins) Medical-Engineering Collaborative Innovation: Translational Research of Smart Biomaterials in Gastrointestinal Diseases	Prof. Malcolm Xing University of Manitoba
11:10-11:20	Q&A (10 mins)	
	Moderator:	Prof. Jerry XU, Prof. Chengyun NING
11:20-11:32	Invited Lecture (10 mins) & Q&A (2 mins) Decellularized Tissue Engineering Hyaline Cartilage Graft for Articular Cartilage Repair and Its Forward-Looking Study for Space Medicine	Prof. Dongan WANG The Chinese University of Hong Kong
11:32-11:44	Invited Lecture (10 mins) & Q&A (2 mins) 骨骼基质元素的功能性组装设计与生理调节	Prof. Yong SUN Sichuan University
11:44-11:56	Invited Lecture (10 mins) & Q&A (2 mins) 用于腹壁缺损再生的3D打印电纺仿生复合补片	Prof. Tianzhu ZHANG Southeast University
11:56-12:08	Invited Lecture (10 mins) & Q&A (2 mins) 海洋生物资源开发及生物材料高值转化	Prof. Jingdi CHEN Shandong University
12:08-12:20	Invited Lecture (10 mins) & Q&A (2 mins) Mg-containing hybrid implants for long bone fracture: R&D journey for pushing towards clinical translation, beyond fixation	Prof. Jerry Jiankun XU The Chinese University of Hong Kong
	Moderator:	Ms. Jessica WANG
12:20-13:20	Lunch Symposium (1 hr) Bioactive Materials - Editor Session	Prof. Kelvin YEUNG Prof. Yufeng ZHENG Prof. Jian YANG
	Moderator:	Prof. Kelvin YEUNG, Prof. Jian YANG
13:20-13:45	Keynote Speech 3 (25 mins)	Prof. Guillermo Antonio AMEER Northwestern University
13:45-13:55	Q&A (10 mins)	
	Moderator:	Prof. Xiangfeng LI, Prof. Yizhou ZHU
13:56-14:08	Invited Lecture (10 mins) & Q&A (2 mins) Calcium phosphate-based materials for inducing bone regeneration	Prof. Xiangfeng LI Sichuan University
14:08-14:20	Invited Lecture (10 mins) & Q&A (2 mins) 刺激响应活性材料用于组织适配与再生修复	Prof. Yuanchi ZHANG Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences

9 January 2026 (Friday) - Day 2: Lectures		
Time	Topic	Speaker
14:20-14:32	Invited Lecture (10 mins) & Q&A (2 mins) 碳基纳米材料改善植入物性能关键技术	Prof. Zhengquan WANG Northwest Institute of Non-ferrous Metal Research
	Moderator:	Prof. Elmer Dai-Fei KER, Prof. Jiajia XUE
14:32-14:44	Invited Lecture (10 mins) & Q&A (2 mins) 含锌/镁复合材料对口腔骨修复的作用及机制研究	Prof. Dandan XIA Peking University School & Hospital of Stomatology
14:44-14:56	Invited Lecture (10 mins) & Q&A (2 mins) 局部给药纳米杂化水凝胶及眼部给药	Prof. Yan PANG Shanghai Jiao Tong University
14:56-15:08	Invited Lecture (10 mins) & Q&A (2 mins) Stress Reducing Mechanisms and Bioactive Strategies for Hard-to-Soft Tissue Repair and Regeneration	Prof. Elmer Dai-Fei KER The Hong Kong Polytechnic University
15:08-15:20	Invited Lecture (10 mins) & Q&A (2 mins) Gradient hydrogel–nanofiber nerve guidance conduit with multiple inductive cues promotes peripheral nerve repair in primate models	Prof. Jiajia XUE Beijing University of Chemical Technology
15:20-15:27	Afternoon break (7mins)	
	Moderator:	Prof. Will Wei QIAO, Prof. Sien Lin
15:27-15:52	Keynote Speech (4) Bioinspired Bioresponsive Drug Delivery	Prof. Zhen GU Zhejiang University
15:57-16:02	Q&A (10 mins)	
16:02-16:14	Invited Lecture (10 mins) & Q&A (2 mins) Engineering Synthetic Viral Vectors: Sparking the Gene Therapy with AI	Prof. Danqing ZHU Hong Kong University of Science & Technology
16:14-16:26	Invited Lecture (10 mins) & Q&A (2 mins) 医疗缝合用高强塑可控降解Mg合金丝材研究的最新进展	Prof. Hongxiang LI University of Science and Technology Beijing
16:26-16:38	Invited Lecture (10 mins) & Q&A (2 mins) Zinc-Based Biodegradable Membranes Modulate Regulatory T Cells to Enhance Bone Regeneration	Prof. Ping LI Guangzhou Medical University
16:38-16:50	Invited Lecture (10 mins) & Q&A (2 mins) 功能化3D打印多孔金属假体修复骨缺损	Prof. Teng ZHANG Shandong University
16:50-17:02	Invited Lecture (10 mins) & Q&A (2 mins) 先进新型可降解金属医用植入材料研发与应用	Prof. Kun YU Central South University
17:02-17:14	Invited Lecture (10 mins) & Q&A (2 mins) 骨修复用可降解锌合金成分设计与性能调控	Prof. Hongtao YANG Beihang University
17:14-17:26	Invited Lecture (10 mins) & Q&A (2 mins) 电活性生物材料—肿瘤性骨缺损治疗新策略	Prof. Chengyun NING South China University of Technology
17:26-17:38	Invited Lecture (10 mins) & Q&A (2 mins) The role of neuroimmune responses in hard and soft tissue regeneration	Prof. Will Wei QIAO The University of Hong Kong
17:38-17:43	e-Poster Award(s) Presentation / Closing Remarks / Photo Session	
17:43	Adjourn	
18:15-20:00	Symposium Dinner at Ming Pavilion (SCR 14/F, KK Leung)	Guests and participants

10 January 2026 (Saturday) - Day 3: Optional - Campus Tour, to be registered separately