

Hong Kong Advanced Biomaterials Conference 2024 (12 - 13 January 2024) - Preliminary Program

12 January 2024 (Friday) - Day 1: Invited Lectures

Time	Topic	Speaker
09:20-09:50	Registration / Check-in for participants	
09:50-10:00	Opening Speech	Professor Kelvin Yeung
		Moderator: Dr John Kubi
10:00-10:30	Design and construction of biomaterial surface and interface based on electron transfer effect	Professor Xuanyong Liu
10:30-10:40	Q&A	
10:40-11:10	Alloying design and in vitro/vivo biocompatibility of Zn-based biodegradable metals for future orthopedic application	Professor Yufeng Zheng
11:10-11:20	Q&A	
11:20-11:35	break	
11:35-12:05	Photocrosslinkable polymer for tissue regeneration	Dr Xin Zhao
12:05-12:15	Q&A	
12:15-14:00	Lunch Break	
14:00-14:30	Biological interaction between materials and tissues	Professor Haobo Pan
14:30-14:40	Q&A	
14:40-15:10	Smart Responsive Antimicrobial Materials	Professor Shuilin Wu
15:10-15:20	Q&A	
15:20-15:35	break	
15:35-16:05	Electroactive Biomaterials	Professor Chengyun Ning
16:05-16:15	Q&A	
16:15-16:45	The role of peri-implant nociceptive sensation in osseointegration	Dr Will Wei Qiao
16:45-16:55	Q&A	
17:00	Adjourn	

13 January 2024 (Saturday) - Day 2: Presentations by O&T Research Members

Time	Topic	Speaker
09:00-09:30	Registration / Check-in for participants	
		Moderator: Dr Yizhou Zhu
09:30-10:00	Biomaterials for bone regeneration: From Past to Present	Professor Kelvin Yeung
10:10-10:20	Q&A	
10:20-10:50	A novel osteo-immunomodulatory protein derived from <i>Dioscorea opposita</i> Thunb accelerates bone defect healing	Dr John Kubi
10:50-11:00	Q&A	
11:00-11:30	Regulation of cellular behaviors of macrophages and osteoblastic cells through surface topography design to facilitate implant-to-bone integration	Dr Yizhou Zhu
11:30-11:40	Q&A	
11:40-11:50	Closing Speech	Professor Kelvin Yeung

Last update on 11 Jan 2024