

## *Program Rundown*

The Orthopaedic Learning Centre, 1<sup>st</sup> Floor, Prince of Wales Hospital, Shatin  
November 24, 2018

09:00-09:40	Welcome addresses, history of CUHK SCRM meeting, SMART and iTERM program and photo taken	<b>Prof. Wai-Yee Chan</b> <b>Prof. Jack Cheng</b> <b>Prof. Patrick Yung</b> <b>Prof. Gang Li</b>
<b>Session 1: Emerging Technologies</b>		<b>Moderator:</b> <b>Prof. Ling Qin</b> <b>Prof. Li-ming Bian</b>
09:40-10:10	Biomedical Engineering, and Orthopaedics	<b>Prof. Yi-xian Qin</b> Stony Brook University, USA
10:10-10:40	Bone Anabolic Pathways and Bone Regeneration in Fracture Healing	<b>Dr. Hua-Zhu David Ke</b> Angitia BioPharmaceuticals, China
10:40-11:00	Promoting the Delivery of Nanoparticles to Atherosclerotic Plaques by DNA Coating	<b>Prof. Jonathan Choi</b> Dept. of Bioengineering, CUHK
11:00-11:20	Heart Regeneration Using Adult <i>Xenopus Tropicalis</i> as Model	<b>Prof. Dong-qing Cai</b> Jinan University, China
11:20-11:40	<b>Tea Break</b>	
<b>Session 2: Stem Cells Biology</b>		<b>Moderator:</b> <b>Prof. Cynthia Xiao-hua Jiang</b> <b>Prof. Hua-ting Wang</b>
11:30-12:00	Small Molecule-induced Cell Fate Reprogramming	<b>Prof. Hong-kui Deng</b> Peking University, China
12:00-12:30	Haploid Embryonic Stem Cell-Mediated Targeted Genetic Screening In Vivo Identifies Novel Factors for Bone Development	<b>Prof. Wei-guo Zou</b> Shanghai Institute of Biochemistry and Cell Biology Chinese Academy of Sciences, China
12:30-13:00	A new Model for Myotonic Dystrophy Reveals Dosage Effects of Multiple Genes	<b>Prof. Ping Hu</b> Shanghai Institute of Biochemistry and Cell Biology, Chinese Academy of Sciences, China
13:00-14:00	<b>Lunch break</b>	

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<b>Session 3: New thoughts from and for musculoskeletal system</b>		<b>Moderator: Prof Louis Cheung Prof. Jack Cheng</b>
14:00-14:30	Kindlin-2 Controls Bone Remodeling Through its Expression in Osteocytes	<b>Prof. Guo-zhi Xiao</b> Southern University of Sciences and Technology, China
14:30-15:00	The Role and Mechanism of SNX10 in Bone Homeostasis and Autophagy	<b>Prof. Ja-ke Xu</b> University of Western Australia, Australia
15:00-15:20	Involvement of Tumor Necrosis Factor Alpha in Steroid-associated Osteonecrosis of the Femoral Head: friend or foe?	<b>Dr. Liang-liang Xu</b> Guangzhou University of Chinese Medicine, China
15:20-15:40	Ethanol Exposure Represses Osteogenesis and Blood Vessel Development in Chick Embryo	<b>Prof. Guang Wang</b> Jinan University, China
15:40-16:00	A Hematopoietic Origin of Pericytes During Angiogenesis – Implications for Cell-based Therapies	<b>Prof. Anna Blocki</b> iTERM, School of Biomedical Sciences, CUHK
16:00-16:20	<b>Tea Break</b>	
<b>Session 4: Clinical and translational research</b>		<b>Moderator: Prof Patrick Yung Prof. Gang Li</b>
16:20-16:50	Regulating Physiologically Controlled Mechanisms Involved in Cellular Mechanotransduction Improves Musculoskeletal Tissue Integrity	<b>Prof. Tunku Kamarul Zaman</b> University of Malaya, Malaysia
16:50-17:20	Distraction histogenesis: from the treatment of skeletal deformities to avascular diseases and neurological disorders	<b>Prof. Gang Li</b> ORT, CUHK
17:20-17:50	Translational Research of Biometals for Orthopaedic Applications	<b>Prof. Ling Qin</b> ORT, CUHK
17:50-18:20	Abnormal Bone Metabolism in the Etiopathogenesis of AIS	<b>Prof. Jack Cheng</b> ORT, CUHK
18:20-18:30	Conclusion Remarks	<b>Prof. Gang Li Prof. Patrick Yung Prof. Jack Cheng</b>
18:30	Meeting Adjourns	
19:00-21:30	<b>Invited Speakers, Guests and Faculty Members Dinner (by invitation)</b>	<b>Bus transport to dinner venue Regal Riverside Hotel (bus leaves at 18:40 from the meeting venue)</b>