



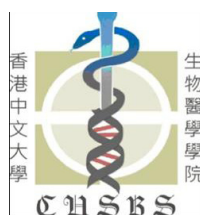
5th CUHK International Symposium on
Stem Cell Biology and Regenerative Medicine
第五届香港中文大学国际干细胞生物学与再生医学研讨会

*MUSCULO-SKELETAL REGENERATION
-FROM TECHNOLOGY TO THERAPY-
肌骨骼再生：由科技到治疗*

Nov 12, 2015
Prince of Wales Hospital, Hong Kong

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延续以往四届的势头，第五届SCRM研讨会（第五届香港中文大学国际干细胞生物学与再生医学研讨会）

特别以「肌骨骼再生」为主题，焦点放在崭新科技如何转化为具成本效益的治疗方法上。是次研讨会是继2015年6月1-2日在瑞典斯德哥尔摩成功举行的MRN2015会议之后，再次凝聚MRN (Musculoskeletal Regenerative Research Network) 各国际合作伙伴的好时机。

我们致力提倡骨关节再生的研究领域，以及成为共同的意见领袖 (Collective Opinion Leader)。努力促成合作和建立关系网络，也是MRN的策略性发展重点之一。我们将分享如何成功汇集志同道合人士之经验，并为骨科和转化医学领域，以至整个骨科领域带来贡献。所有合作伙伴将会SCRM中继续就合作项目作出商议。我们亦邀请了在骨科和转化医学领域成功学者，在基础研究、转化方案和临床应用等方面，以客观持平的方式，制定专题作深入研讨。

第五届SCRM研讨会欢迎再生医学、骨科、神经内科、生物医学、工程学，或其他相关学科和领域的专业人士和学者到场交流。

以下是第五届SCRM研讨会日程(英文)，请各位同道踊跃参加！快到 <http://scrm2015.ort.cuhk.edu.hk/> 免费网上注册！

0900-0905	WELCOME ADDRESS	Prof Jack Cheng and Prof KM Chan
0905-0935	Session 1 Musculo-Skeletal Regeneration : From Technology to Therapy	Moderator: Prof Jack Cheng & Prof KM Chan
0905-9015	MRN – A global initiative with impact	Prof KM Chan
0915-0925	Introduction to Translational Medicine Platform in Shenzhen – SIAT experience	Prof Ling Qin
0925-0935	The innovation, translation and commercialization of orthobiologics: opportunities and challenges	Prof Ming-Hao Zheng
0935-1055	Session 2 Stem Cell Biology	Moderator: Prof Wai Yee Chan & Prof Gang Li
0935-0950	Harnessing skeletal stem cells and environmental niches for bone repair – from bench to clinic	Prof. Richard Oreffo
0950-1005	Cell Surgery Robotics in Cell Fusion Applications	Prof Sun Dong
1005-1020	Driving vascular regeneration in diabetic mice with immune therapy	Prof Kathy Lui
1020-1035	Pharmacological Inhibition of Protein Kinase G1 Enhances Bone Formation by Human Skeletal Stem Cells Through Activation of RhoA-Akt Signaling	Prof Li Chen
1035-1055	Q&A	
1055-1110	Break	
	Session 3 Muscle	Moderator: Prof Wai Yee Chan & Prof Hua Ting Wang
1110-1125	Functional characterization of Malat1 in skeletal myogenic differentiation and muscle regeneration	Prof Hua-Ting Wang
1125-1140	Molecular regulation of muscle stem cell quiescence and activation	Prof Tom Hiu-Tung Cheung
1140-1155	miRNAs Role in Regulating Stem cell Heterogeneity of Skeletal Muscle Stem cells	Prof Da-Hai Zhu
1155-1210	Skeletal muscle or brown fat, an intrinsic cell fate choice	Prof Zhen-Guo Wu
1210-1230	Q&A	
1230-1330	Session 4 Cartilage	Moderator: Prof James Hui & Prof Barbara Chan
1230-1245	Induction of Articular Cartilage Stem cells and cartilage regeneration by Inhibiting NF- κ B Signaling in osteoarthritis	Prof Xiao-Ling Zhang
1245-1300	Collagen-assisted mesenchymal stem cell (MSC)-based osteochondral tissue engineering	Prof Barbara Chan
1300-1315	Stem cell therapy for osteoarthritis: Dream or Fantasy?	Prof. James Hui
1315-1330	Q&A	
1330-1415	Lunch & Display of research posters	
1415-1550	Session 5 Tendon	Moderator: Prof Ouyang Hong Wei & Prof Ming Hao Zheng
1415-1430	Microbial search for tendinopathies (TBC)	Prof Christer Rolf
1430-1445	Autologous tenocyte therapy and bioreactor for tendinopathy: from bench to bedside	Prof Ming-Hao Zheng
1445-1500	Low dose steroid and tendinopathy	Dr. Bing-Hua ZHOU
1500-1515	Bone marrow stromal cell-seeded tendon slice constructs	Prof Ting-Wu Qin
1515-1530	Tendon differentiation and Regeneration	Prof. HW Ouyang
1530-1550	Q&A	
1550-1710	Session 6 Ligament & Bone-Tendon Junction	Moderator: Prof Savio Woo, Prof Christer Rolf & Prof Ling Qin
1550-1605	Enhancement in ACL graft healing- where are the missing gaps?	Dr Patrick Yung
1605-1620	Use of strontium in enhancing ligament-bone healing	Prof WP Yau
1620-1635	Preclinical studies on biodegradable Mg and its alloys for ACL reconstruction	Prof. Ling Qin
1635-1650	Collaborative potentials for developing Mg-based products for orthopaedic applications (TBC)	Dr. Yang-de Li
1650-1710	Q&A	