

International Symposium of Bone and Joint – A Joint Symposium of Chinese Speaking Orthopaedic Society and International Chinese Hard Tissue Society

Date: November 16<sup>th</sup>, 2009

Venue: Conference Center of National Yang Ming University

Time	Topic	Speaker
08:00 – 08:30	Registration	
08:30 – 09:00	Opening Remarks and Group Photo	
09:00 –10:30	Section 1	
09:00–09:10	Bone health and nutraceuticals	Prof. Cory J. Xian
09:10-09:20	Skeletal Anabolic Action of PTHrP	Prof. Dengshun Miao
09:20-09:30	The Role of beta-Catenin Signaling in Pathogenesis of Osteoarthritis and Intervertebral Disc Destruction	Prof. Di Chen
09:30-09:40	Thermo-sensitive hydrogel as cell carrier for tissue engineering of nucleus pulposus	Prof. Feng-Huei Lin
09:40-09:50	Stem cells in biology and clinical applications	Prof. Gang Li
09:50-10:00	Genetics/Genomics Studies of Osteoporosis	Prof. Hong-Wen Deng
10:00-10:30	Discussion	
10:30 –10:50	Coffee Time Break	
10:50 –12:20	Section 2	
10:50-11:00	Endogenous and exogenous glucocorticoid signaling in osteoblasts modulate bone development, maintenance, joint inflammation and fat deposition.	Prof. Hong Zhou
11:00-11:10	The Role of Sclerostin in Fracture Healing: Toward Development of a Therapeutic Agent.	Prof. J. Edward Puzas
11:10-11:20	Adiponectin in Bone Formation and Bone Resorption	Prof. Jake Jinkun Chen
11:20-11:30	Mechanotransduction in Osteoblast-like Cells in Response to	Prof. Jeng Jiann Chiu

	Fluid Shear Stress	
11:30-11:40	RANKL and its signaling pathways as potential targets for treatment of osteolytic bone diseases	Prof. Jiake Xu
11:40-11:50	Why Osteocytes matter to Bone Formation and Remodeling	Prof. Jian Q Feng
11:50-12:20	Discussion	
12:20 –13:50	Lunch Time	
13:50 –15:20	Section 3	
13:50-14:00	The in vitro effect of icariin on osteoblasts	Prof. Jui-Sheng Sun
14:00-14:10	Intriguing tendinopathies----pathogenesis and novel approach to management	Prof. Kai-Ming Chan
14:10-14:20	R&D of A novel Biocomposite Scaffold Material with Slow Release of Osteopromotive Phytoestrogenic Icaritin for Orthopaedic Applications	Prof. Ling QIN
14:20-14:30	Mesenchymal stem cells and skeletal tissue engineering	Prof. Oscar Kuang-Sheng Lee
14:30-14:40	Biomechanical Regulation of Cartilage	Prof. Qian Chen
14:40-14:50	A cadaver biomechanical comparison study of three operative methods for treatment of Neer type II distal clavicle fractures.	Prof. Shyu Jye Wang
14:50-15:20	Discussion	
15:20 –15:40	Tea Time Break	
15:40 –17:30	Section 4	
15:40-15:50	Stem cells, two sides of the coin	Prof. Ting-ting Tang
16:00-16:10	The Mechanostat and Bone Anabolic Agents	Prof. Webster Jee
16:10-16:20	Advanced Patient-specific Microstructural and Finite Element Analyses for Osteoporosis Assessments	Prof. X. Edward Guo
16:20-16:30	Tendon and ligament stem cell mechanobiology	Prof. James H-C. Wang

16:30-16:40	Bone ultrastructure vs. its fragility	Prof. Xiaodu Wang
16:40-16:50	Tissue Regeneration Enhanced by Functional Physiological Stimulation	Prof. Yixian Qin
16:50-17:00	Treatment of old Scaphoid Fracture with Absorbable Screw	Prof. Yingze Zhang
17:00-17:10	Arthroscopic autologous chondrocyte implantation for treatment of cartilage injury.	Prof. Ming-Hao Zheng
17:10-17:20	R&D of total joint prosthesis	Prof. Cheng-Kung Cheng
17:20-17:40	Discussion	
17:30 –18:00	Final Discussion and Closing Remarks	
18:30 –20:30	Farewell Party at Grand Hotel	