

Wednesday, October 24, 2007
11:30 am – 1:00 pm

SESSION 29**Progenitor and Stem Cells**

Room # 311

Moderators: Christopher H. Evans, PhD and Oscar Kuang-Sheng Lee, MD

11:30 AM Paper No. 253*Positive Selection of Connective Tissue Progenitors using Hyaluronan as a Novel Marker*

Tonya Caralla, Cynthia Boehm, Vincent Hascall, George F Muschler

11:40 AM Paper No. 254*Role of Autocrine/Paracrine Mediators in Spontaneous Differentiation of Fetal Circulating Blood derived Cells into the chondrogenic lineage*

Kentaro Uchida, Ken Urabe, Kouji Naruse, Yuko-Mikuni Takagaki, Kiyoshi Mabuchi, Moritoshi Itoman

11:50 AM Paper No. 255*A Synthetic Peptide Induces Chondrogenic Differentiation in Murine and Human Mesenchymal Stem Cells and Enhances Cartilage Repair In Vivo*

Xinhua Lin, Yi Liu, Alexandrine Derrien, Paul Zamora

12:00 PM Paper No. 256*Comparison of Osteogenic Potential at Different Ages Between Adult Human Adipose Derived and Bone Marrow Stem Cells from Same Donors*

Me-Ling Ho, Hui-Ting Chen, Che-Yu Hsu, Yi-Hui Chen, Hsin-Yi Wang, Chung-Hwan Chen, Gwo-Jaw Wang, Je-Ken Chang

12:10 PM Paper No. 257*The Effect of Growth Factors on Chondrogenic Differentiation of Synovium-Derived Mesenchymal Stem Cells*

Sahnghoon Lee, Sang Cheol Seong, Ji Hyun Kim, Sang Young Lee, Hee Jung Park, Hyuk Soo Han, Myung Chul Lee

12:20 PM Paper No. 258*Isolation and Identification of Multipotent Mesenchymal Stem Cells from Adult Human Anterior and Posterior Cruciate Ligaments*

Ming-Te Cheng, Wei-Ming Chen, Tain-Hsiung Chen, Oscar K Lee

12:30 PM Paper No. 259*Proliferation Ability of Adult Human Adipose Derived Stem Cells Maintained with Aging*

Je-Ken Chang, Hui-Ting Chen, Hsin-Yi Wang, Yi-Hui Chen, Chung-Hwan Chen, Gwo-Jaw Wang, Me-Ling Ho

12:40 PM Paper No. 260*Autologous Bone Marrow Transplantation for Muscle Improvement in Brachial Plexus Patients. Preliminary Results of a Phase-1 Clinical Study*

Simone Hogendoorn, Sjoerd G van Duinen, Wim E Fibbe, Rob R Nelissen

12:50 PM Paper No. 261*Identification of CNS Pathway Innervating Sciatic Nerve for Neural Recovery after Human Neural Stem Cell Transplantation in Spinal Cord Injured Rat*

Kwang-Bok Lee, Kwang-Hoon Chung, Bong-Hee Lee

SESSION 30**Hand and Wrist**

Room # 310

Moderators: Zong-Ming Li, PhD and Edward Diao, MD

11:30 AM Paper No. 262*MMP-2, MMP-9 and MMP-12 expression in flexor tenosynovium in idiopathic carpal tunnel syndrome*

Jin-Rok Oh, Sung-Kwan Hwang, Mee-Yont Cho

11:40 AM Paper No. 263*Impaired Sensorimotor Integration for Multi-Digit Grasping in Patients with Carpal Tunnel Syndrome*

Marco Santello, Marianne Merritt, Scott Duncan, Mark Ross, Anthony Smith, Jamie Johnston

11:50 AM Paper No. 264*Gliding Resistance of Flexion Tendon Associated with Carpal Tunnel Pressure*

Chunfeng Zhao, Anke M Ettema, Lawrence J Berglund, Kai-Nan An, Peter C Amadio

12:00 PM Paper No. 265*Injectable Collagenase Enzyme (AA4500) in Dupuytren's Contracture: Clinical Success in Elderly Patients*

Marie A Badalamente, Lawrence C Hurst

12:10 PM Paper No. 266*Moment Potential Balance in the Metacarpal-Phalangeal Joints of the Hand*

William L Buford, Steven F Viegas, Shukuki Koh

12:20 PM Paper No. 267*NeuFlex and Swanson Metacarpophalangeal Implants for Rheumatoid Arthritis: A Prospective Controlled Clinical Trial*

Earl R Bogoch, Benjmain G Escott, Kara Ronald

12:30 PM Paper No. 268*Joint Reaction Forces in the Distal Radioulnar Joint Using Maximal Muscle Forces-A Biomechanical Model*

Joseph S Bader, Michael Boland, Robert Royalty, Timothy L Uhl, David Pienkowski

12:40 PM Paper No. 269*Clinical Comparison of Arthroscopic versus Open Repair of Triangular Fibrocartilage Complex Tears*

Meredith L Anderson, A. Noelle Larson, Steven L Moran, William P Cooney, Kimberly K Amrami, Richard A Berger

12:50 PM Paper No. 270*Radioscapholunate Fusion: T-plate Versus Circular Plate Fixation*

Nancy Yen Shipley, Jonathan E Isaacs, John R Owen, Jennifer S Wayne