



Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



November 12, 2014

BRB II/III Auditorium/Lobby ♦ University of Pennsylvania

- 9:45 – 10:15am **Registration and Poster Set-up**
- 10:15 – 10:30am **Welcome and Overview**
Louis J. Soslowsky, PhD
- 10:30 – 11:30am **Session I: Recent New Member Session** (Moderator: Rob Mauck, PhD)
- ♦ *Carla R. Scanzello, MD, PhD*: "A Role for CC-Chemokine Receptor 7 (CCR7) in Knee Osteoarthritis: Impact on Joint Structure and Function"
 - ♦ *D. Kacy Cullen, PhD*: "Tissue Engineering Strategies for Sensorimotor Regeneration and Functional Recovery following Neurotrauma"
 - ♦ *Harvey E. Smith, MD*: "Tissue Engineered Constructs in the Treatment of Intervertebral Disc Degeneration"
- 11:30 – 12:30pm **Session II: Affiliate Member Session** (Moderator: Lou Soslowsky, PhD)
- ♦ *Irving M. Shapiro, BDS, PhD*: "Regulation of Water Transport by Cells of the Intervertebral Disc"
 - ♦ *James Sciote, DDS, PhD, MS*: "Contributions of ACTN-3 Genotype in Musculoskeletal Development of Malocclusion and Temporomandibular Joint Disorders"
 - ♦ *Bin Wang, PhD*: "Chronic PTHrP Treatment Switches PTH Receptor Signaling in Chondrocytes"
- 12:30 – 1:45pm **Poster Session and Lunch (provided) in BRB Lobby**
- 1:45 – 2:45pm **Session III: Pilot Grantee Session** (Moderator: Felix Wehrli, PhD)
- ♦ *Andrew F. Kuntz, MD*: "Intra-Articular Injection of a Nonsteroidal Anti-Inflammatory Drug has no Detrimental Effects on Joint Mechanics in a Rat Model"
 - ♦ *Ling Qin, PhD*: "Anabolic Treatment for Radiotherapy-Induced Osteoporosis"
 - ♦ *Ian N. Jacobs, MD*: "The Development of an In Vivo and In Vitro Derived Tissue Engineered Cartilage for Pediatric Airway Reconstruction in a Rabbit Model"
- 2:45 – 3:45pm **Keynote Speaker** (Moderator: Eileen Shore, PhD)
- "How PTHrP regulates chondrocyte differentiation"
Henry M. Kronenberg, M.D., Harvard Medical School
- 3:45 – 4:00pm **Final Comments Preceding Poster Session and Reception**
- 4:00 – 5:30pm **Poster Session, Presentation of Poster Awards and Reception in BRB Lobby**