



# Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



November 17, 2010

BRB II/III Auditorium/Lobby ♦ University of Pennsylvania

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- 8:00 – 8:45am      **Continental Breakfast and Poster Set-up**
- 8:45 – 9:00am      **Welcome and Overview**  
*Louis J. Soslowsky, PhD*
- 9:00 – 10:20am    **Session I: Recent New Member Session** (moderator: Maurizio Pacifici, PhD)  
  
*Neil R. Malhotra, MD:* “Injectable Hydrogels to Support Spine Mechanical Function and Potential for Tissue Regeneration”  
  
*Arjun Raj, PhD:* “A Single Molecule View of Differentiation in Single Cells”  
  
*Yair Argon, PhD:* “Why is Glucose-regulated Protein 94 Required for Muscle Growth and Maintenance of Mass?”  
  
*Michael A. Pack, MD:* “Smooth Muscle Mechanotransductive Signaling Regulates Epithelial Tissue Architecture”
- 10:20 – 11:00am    **Poster Session and Coffee Break in BRB Lobby**
- 11:00 – 12:20 pm    **Session II: Pilot Grantee Session** (moderator: Frederick S. Kaplan, MD)  
  
*Ling Qin, PhD:* “Epidermal Growth Factor Receptor Plays an Anabolic Role in Bone Metabolism in Vivo”  
  
*Toby Ferguson, MD, PhD:* “Neuronal Cadherin and Motor Axon Sprouting at the Neuromuscular Junction”  
  
*Sherrill L. Adams, PhD:* “A Novel Role for Type III Collagen in Bone Formation and Maintenance”  
  
*Robert L. Mauck, PhD:* “Dynamic Fibrous Scaffolds for Engineering Dense Connective Tissues”
- 12:20 – 1:15 pm    **Poster Session and Lunch (provided) in BRB Lobby**
- 1:15 – 2:15 pm      **Keynote Speaker** (moderator: L. Scott Levin, MD, FACS)  
“Musculoskeletal Regenerative Medicine”  
*Michael J. Yaszemski, MD, PhD, Mayo Clinic*
- 2:15 – 2:45pm      **Presentation of Poster Awards, Wrap-up and Closing**