



# Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



October 26, 2011

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 – 10:00am      **Session I: Recent New Member Session** (Moderator: Don Baldwin, PhD)  
  
*Maurizio Pacifici, PhD: “Pathogenic Mechanisms in Hereditary Multiple Exostoses”*  
*Michael Ostap, PhD: “Single Molecule Studies of Working Myosin Motors”*  
*Dean Richardson, DVM: “Clinical Applications of Bone Marrow Derived Cells and Gene Therapy in Athletic Horses”*
- 10:00 – 10:20am      **Session II: Research Cores** (Moderator: Maurizio Pacifici, PhD)  
  
*Don Baldwin, PhD: “Molecular Profiling Core”*  
*Alexander Wright, PhD: “Imaging Core”*  
*Robert Mauck, PhD: “Biomechanics Core”*  
*Robert Pignolo, MD, PhD: “Histology Core”*
- 10:20 – 11:00am      **Poster Session and Coffee Break in BRB Lobby**
- 11:00 – 12:20 pm      **Session III: Pilot Grantee Session** (Moderator: Robert Mauck, PhD)  
  
*Sunday Akintoye, DDS: “Jaw Susceptibility to Osteonecrosis”*  
*Robert Pignolo, MD, PhD: “Telomere Dysfunction in Age-related Bone Loss”*  
*Susan Volk, VMD, PhD: “The Role of Type III Collagen in Tissue Repair and Regeneration”*  
*Shannon Fisher, PhD: “Skull Development in Normal and Mutant Zebrafish”*
- 12:20 – 1:15 pm      **Poster Session and Lunch (provided) in BRB Lobby**
- 1:15 – 2:15 pm      **Keynote Speaker** (Moderator: Louis J. Soslowsky, PhD)  
  
*“Mechanisms of Pathological Bone Remodeling: Pathology Teaches Physiology”*  
*Steven R. Goldring, MD, Hospital for Special Surgery, Weill Cornell Medical School*
- 2:15 – 2:45pm      **Presentation of Poster Awards, Wrap-up and Closing**