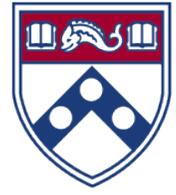




# Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



**November 19, 2015**

**BRB II/III Auditorium/Lobby ♦ University of Pennsylvania**

- 9:30 – 10:15am      **Registration and Poster Set-up**
- 10:15 – 10:30am      **Welcome and Overview**  
*Louis J. Soslowsky, Ph.D.*
- 10:30 – 11:15am      **Session I: Affiliate Member Session** (Moderator: Louis Soslowsky, Ph.D.)
- ♦ *Ani Ural, Ph.D., Villanova University - "A Multiscale Computational Assessment of Bone Fracture"*
  - ♦ *Theresa Freeman, Ph.D., Thomas Jefferson University - Cold-Plasma a New Tool for Skeletal Tissue Engineering, Repair and Regeneration*
  - ♦ *Sue Shapses, Ph.D., R.D., Rutgers University - "Obese Bones and the Response to Energy Restriction"*
- 11:15 – 12:00pm      **Session II: Recent New Member Session** (Moderator: Robert Mauck, Ph.D.)
- ♦ *Songtao Shi, D.D.S, M.S., Ph.D. - "Mesenchymal stem cell-based regeneration and immune therapies"*
  - ♦ *Eric Granquist, DM.D., M.D. - "A non-invasive model of temporomandibular joint pain with tunable outcomes of acute and chronic pain in the rat"*
  - ♦ *George Hajishengallis, D.D.S., Ph.D. - "DEL-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in nonhuman primates"*
- 12:00 – 1:45pm      **Poster Session and Lunch (provided) in BRB Lobby**
- ♦ 12:45 – 1:15pm Poster Session (Odd Numbered)
  - ♦ 1:15 – 1:45pm Poster Session (Even Numbered)
- 1:45 – 2:45pm      **Session III: Pilot Grantee Session** (Moderator: Maurizio Pacifici, Ph.D.)
- ♦ *Arjun Raj, Ph.D. - "Marker gene expression at the single cell level does not correlate with functional chondrogenic potential"*
  - ♦ *Lachlan Smith, Ph.D. - "Mechanisms of failed bone formation in mucopolysaccharidosis VII"*
  - ♦ *Hansell Stedman, M.D. - "Lessons from muscle injury and muscular dystrophy about the evolution of animal locomotion - and vice versa"*
- 2:45 – 3:45pm      **Keynote Speaker** (Moderator: Robert Pignolo, M.D., Ph.D.)  
*Nancy Lane, M.D.*  
*Director for the Center for Musculoskeletal Health*  
*University of California at Davis*  
*"Treatment of musculoskeletal diseases with a little help from your own stem cells"*
- 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**