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