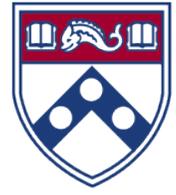




Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



November 9, 2016

BRB II/III Auditorium/Lobby ♦ University of Pennsylvania

- 9:00 – 10:00am **Registration and Poster Set-up**
- 10:00 – 10:20am **Welcome and Overview**
Louis Soslowsky, Ph.D.
- 10:20 – 10:30am **“Histology Core Re-Launch”**
- 10:30 – 11:15am **Session I: New Member Session** (Moderator: Lachlan Smith, Ph.D.)
- ♦ *Ellen Casey, M.D. - "Sex Hormones and ACL Injury"*
 - ♦ *Ronnie Sebro, M.D.- "Statistical Considerations for the Diagnosis of Osteoporosis"*
 - ♦ *Benjamin Prosser, Ph.D. - “Microtubule Mechanics in Contracting Myocytes”*
- 11:15 – 12:00pm **Session II: Affiliate Member Session** (Moderator: Ling Qin, Ph.D.)
- ♦ *Karin Silbernagel PT, ATC, Ph.D., University of Delaware - "Patients' Recovery After Tendon Injury”*
 - ♦ *Gregory Lewis, Ph.D., Penn State College of Medicine - “Simulation-Based Design for Orthopaedic Surgeries”*
 - ♦ *Mary Barbe, Ph.D., Lewis Katz School of Medicine, Temple - “Substance P Increases Collagen Type I via TGF- β -Dependent and -Independent Pathways in Rat Tenocytes”*
- 12:00 – 2:00pm **Poster Session and Lunch (provided) in BRB Lobby**
- **12:40-1:20 Poster Session (Even numbered)**
 - **1:20-2:00 Poster Session (Odd numbered)**
- 2:00 – 3:00pm **Session III: Pilot Grantee Session** (Moderator: Maurizio Pacifici, Ph.D.)
- ♦ *Joshua Baker, M.D., M.S.C.E. - "Intramuscular Fat Accumulation in Rheumatoid Arthritis: A New Perspective on Cachexia"*
 - ♦ *Foteini Mourkioti, Ph.D. - “Stem Cell Molecular Mechanisms in Chronic Skeletal Muscle Injury”*
 - ♦ *Russ Carstens, M.D. - “Defining the Roles of Esrp1 Regulated Alternative Splicing in Craniofacial Development”*
- 3:00 – 4:00pm **Keynote Speaker** (Moderator: Eileen Shore, Ph.D.)
"Strategies for Improving Bone Properties in Patients with Osteogenesis Imperfecta."
Matthew Warman, M.D., Harriet M. Peabody Professor of Orthopedic Surgery
Professor, Department of Genetics, Harvard Medical School
Director, Orthopaedic Research Laboratories at Boston Children’s Hospital
- 4:00 – 4:15pm **Final Comments Preceding Poster Session and Reception**
- 4:15 – 5:30pm **Poster Session, Presentation of Poster Awards and Reception in BRB Lobby**