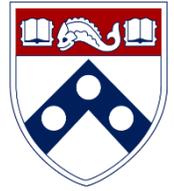




# Penn Center for Musculoskeletal Disorders Scientific Symposium Agenda



November 20, 2024

Smilow Rubenstein Auditorium ♦ University of Pennsylvania

- 08:00 – 09:00am **Registration and Poster Set-up**
- 09:00 – 09:15am **Welcome and Overview**  
*Louis J. Soslowsky, Ph.D.*
- 09:15 – 10:15am **Session I: Affiliate Member Session** (Moderator: Xiaowei Sherry Liu, Ph.D.)
- ♦ *Joseph Freeman, Ph.D., Rutgers University, “Methodologies for Regenerating Vascularized Bone”*
  - ♦ *Dirk Hubmacher, Ph.D., Icahn School of Medicine at Mount Sinai, “Leveraging Extracellular Matrix Proteins to Promote Skeletal Muscle Regeneration”*
  - ♦ *Parsaoran Hutapea, Ph.D., Temple University, “Mechanics of Bioinspired Needle Insertion in Soft Tissues”*
- 10:15 – 10:30am **Introduction: Cartilage Regeneration Advanced Technologies to Enable Motion Center (CReATE)**
- ♦ *Overview: Robert Mauck, Ph.D. and Carla Scanzello, M.D., Ph.D.*
- 10:30 – 11:30am **Break and Poster Session (Even Numbered)**
- 11:30 – 12:30pm **Session II: New Member Session** (Moderator: Lachlan Smith, Ph.D.)
- ♦ *Staci Kallish, D.O., “The Penn Medicine Clinic for Inherited Connective Tissue Disorders”*
  - ♦ *Hannah Lee, M.D., Ph.D., “Peripheral Nerve Injuries – Current Techniques and Novel Concepts Using Tissue Engineered Nerve Scaffold”*
  - ♦ *Michael Marks, Ph.D., “Tales from the Dark Side: Cytoskeletal Roles in Melanosome Biogenesis”*
- 12:30 – 01:45pm **Poster viewing and lunch (provided) in Smilow Commons**
- 01:45 – 02:45pm **Session III: Pilot Grantee Session** (Moderator: Maurizio Pacifici, Ph.D.)
- ♦ *Chider Chen, Ph.D., “mTOR-Mediated Ribosome Biogenesis Regulates CD4+ T cell Activation in Osteoporotic Mice”*
  - ♦ *Eiki Koyama, Ph.D., “The Molecular Mechanisms Underlying Osteophyte Onset and Growth and Its Pharmacologic Intervention”*
  - ♦ *Carla Scanzello, M.D., Ph.D., “Macrophage Diversity in the Stiffening and Fibrotic Synovial Niche following Joint Injury”*
- 02:45 – 03:30pm **Break and Poster Session (Odd Numbered)**
- 03:30 – 04:30pm **Keynote Speaker** (Moderator: Eileen Shore, Ph.D.)
- Keynote Speaker Title: “Regulation of Post-Natal Growth Plate Maturation.”*  
*Marie B. Demay, M.D., Professor of Medicine from Harvard Medical School*
- 04:30 – 04:40pm **Final Comments Preceding Poster Session and Reception**
- 04:40 – 06:00pm **Poster Session, Presentation of Poster Awards and Reception in Smilow Commons**