Penn Center for Musculoskeletal Disorders
Scientific Symposium Agenda
November 15, 2023
Smilow Rubenstein Auditorium ♦ University of Pennsylvania

08:15 – 09:15am  Registration and Poster Set-up

09:15 – 09:35am  Welcome and Overview
Louis J. Soslowsky, Ph.D.

09:35 – 10:20am  Session I: Affiliate Member Session (Moderator: Xiaowei Sherry Liu, Ph.D.)
♦ Stephanie G. Cone, Ph.D., University of Delaware, “Knee Joint Biomechanics in the Rat Model.”
♦ William Querido, Ph.D., Temple University, “Imaging Bone Composition at Submicron Spatial Resolution: Applications of O-PTIR Spectroscopy.”
♦ Sriram Balasubramanian, Ph.D., Drexel University, “Recent Advances in Computational Modeling for Pediatric Spine Deformity Diagnosis and Treatment.”

10:20 – 11:05am  Break and Poster Session (Even Numbered)

11:05 – 11:50am  Session II: New Member Session (Moderator: Ling Qin, Ph.D.)
♦ Holly L. Stewart, V.M.D., Ph.D., “Translational Animal Models for Understanding the Relationship Between Bone Marrow Lesions and Subchondral Bone Disease.”

11:50 – 12:30pm  Introduction: Penn Achilles Tendinopathy Center of Research Translation
♦ Overview: Louis J. Soslowsky, Ph.D.
♦ Project 1: Nat Dyment, Ph.D.
♦ Project 2: Su Chin Heo, Ph.D.
♦ Core: Josh Baxter, Ph.D.

12:30 – 01:30pm  Poster viewing and lunch (provided) in Smilow Commons

1:30 – 02:30pm  Session III: Pilot Grantee Session (Moderator: Maurizio Pacifici, Ph.D.)
♦ Christoph Thaiss, Ph.D., “Intestinal Regulation of Exercise Performance.”
♦ Michael Hast, Ph.D., “Exploring the Efficacy of Zinc as a Biomaterial for Orthopaedic Implants.”
♦ Melike Lakadamyali, Ph.D., “Super-Resolution Imaging of Chromatin in Diseased Musculoskeletal Cells.”

02:30 – 03:15pm  Break and Poster Session (Odd Numbered)

03:15 – 04:15pm  Keynote Speaker (Moderator: Louis Soslowsky, Ph.D.)
Keynote Speaker Title: ‘Navigating the NIH: The Program Director Perspective.’
Charles Washabaugh, Ph.D., Orthopaedics Research Program Director at the National Institutes of Health

04:15 – 04:30pm  Final Comments Preceding Poster Session and Reception

04:30 – 06:00pm  Poster Session, Presentation of Poster Awards and Reception in Smilow Commons