

PCMD Symposium November 12, 2014

Tyler R. Morris, MD

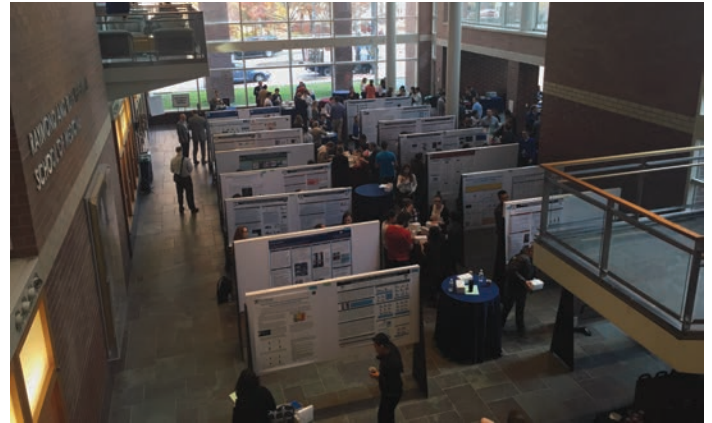


Under the direction of Dr. Lou Soslowky, PhD, the Penn Center for Musculoskeletal Disorders (PCMD) held their annual Scientific Symposium this past November in the BRB Auditorium of the University of Pennsylvania. Designed to showcase and support the academic pursuits of PCMD members, the Symposium drew hundreds of participants and visitors from across the country to celebrate the work being done by the researchers at Penn.

The morning began with a session headed by new members, moderated by Rob Mauck, PhD. Speakers included Carla R. Scanzello, MD, PhD (*A Role for CC-Chemokine Receptor 7 (CCR7) in Knee Osteoarthritis: Impact on Joint Structure and Function*); D. Kacy Cullen, PhD (*Tissue Engineering Strategies for Sensorimotor Regeneration and Functional Recovery following Neurotrauma*); and Harvey E. Smith, MD (*Tissue Engineered Constructs in the Treatment of Intervertebral Disc Degeneration*).

The morning continued with lectures by affiliate PCMD members, moderated by Lou Soslowky, PhD. Talks included “*Regulation of Water Transport by Cells of Intervertebral Disc*,” by Irving M. Shapiro, BDS, PhD; “*Contributions of ACTN-3 Genotype in Musculoskeletal Development of Malocclusion and Temporomandibular Joint Disorders*,” by James Sciote, DDS, PhD, MS; and “*Chronic PTHrP Treatment Switches PTH Receptor Signaling in Chondrocytes*,” by Bin Wang PhD.

The lunch session coincided with poster presentations by all PCMD members, showcasing their work over the past year, which then led directly into the afternoon lecture session, moderated by Felix Wehrli, PhD. Sessions included “*Intra-Articular Injection of a Nonsteroidal Anti-Inflammatory*



Drug has no Detrimental Effects on Joint Mechanics in a Rat Model,” by Andrew F. Kuntz, MD; “*Anabolic Treatment for Radiotherapy-Induced Osteoporosis*,” by Ling Qin, PhD; and “*The Development of an In Vivo and In Vitro Derived Tissue Engineered Cartilage for Pediatric Airway Reconstruction in a Rabbit Model*,” by Ian N. Jacobs, MD.

The afternoon session concluded with an address by the keynote speaker, Dr. Henry M. Kronenberg, MD, moderated by Eileen Shore, PhD. As Chief of the Endocrine division at Massachusetts General Hospital and Professor of Medicine at Harvard Medical School, as well as the current Vice President of the International Bone and Mineral Society (IBMS), Dr. Kronenberg has extensive experience in the field of bone and mineral metabolism and signaling. His keynote speech,



Dr. Soslowsky, Dr. Kronenberg and Dr. Shore



Congratulations to Julia Haupt (1st place), Brianne Connizzo (2nd place), and Corinne Riggan (3rd place) for their winning posters in the Biomechanics Category! (Pictured with Core Director, Dr. Rob Mauck)



Congratulations to Tristan Driscoll (1st place), Salin Chakkalakal (2nd place), and Natalie Chernets, Jefferson Ortho (3rd place) for their winning posters in the Histology Category! (Pictured with Dr. Foteini Mourkioti)



Congratulations to Janelle Spinazzola (1st place), Kenta Uchibe (2nd place), and Sun Peck (3rd place) for their winning posters in the Miscellaneous Category! (Pictured with Dr. Eileen Shore)



Congratulations to Chantal de Bakker (1st place), Allison Altman (2nd place), and Wenli Sun (not pictured) (3rd place) for their winning posters in the Imaging Category! (Pictured with Core Director, Dr. Felix Wehrli and Associate Director, Dr. Sherry Liu)

“How PTHrP regulates chondrocyte differentiation,” was a detailed look into what he and his team have accomplished at the forefront of bone research. After an enthusiastic question and answer session, Dr. Kronenberg then presided over the award announcements for posters and presentations given. The symposium was roundly judged an enormous success, and promises to be a highly regarded function and point of pride for the Penn Center for Musculoskeletal Disorders in years to come.