

**Advances in Mineral Metabolism/ASBMR
John Haddad Young Investigators Meeting**

**April 6-10, 2015
Snowmass, CO**

Date / Time	Session	Session Chairs
Monday, April 6 4:30-7:00 p.m.	<p align="center">Bone forming therapies for osteoporosis</p> <p>Ben Leder, MD-Harvard School of Medicine, MGH "New Approaches to Combination Osteoporosis Therapy"</p> <p>Michael McClung, MD-Oregon Osteoporosis Center "Current and Future Uses of Anabolic Therapies for Osteoporosis"</p> <p>ASBMR John Haddad Young Investigator: Ryan Ross, PhD-Rush University "High Bone Mass (HBM) mice have altered bone matrix composition and improved material toughness"</p>	Suzanne Jan de Beur, MD
7:45-10:00 p.m.	<p align="center">Welcome Reception</p>	
Tuesday, April 7 7:00-9:30 a.m.	<p align="center">Emerging concepts in skeletal development</p> <p>Kim Cooper, PhD-UC San Diego: "Beyond the mouse: what we can learn from non-traditional models about development and disease"</p> <p>Elazar Zelzer, PhD-Weizmann Institute, Israel: "Coordination and synchronization within the developing skeleton"</p> <p>ASBMR John Haddad Young Investigator: Beth Bragdon, PhD-Boston University School of Medicine "Vasculogenesis and Bone Formation"</p>	Ronen Schweitzer, PhD
3:00-4:00 p.m.	<p align="center">Meet the Professor Sessions</p> <p>Kim Cooper: "Differential Growth: How do growth plates know how fast to grow and when to stop?" Elazar Zelzer: "Connecting tendon to bone, why, where and how"</p>	
4:30-7:00 p.m.	<p align="center">Hormonal regulation of bone by vitamin D</p> <p>Howard Morris, PhD-University of South Australia "Direct actions of Vitamin D on bone cells: maintaining plasma calcium homeostasis"</p> <p>David Goltzman MD, PhD-McGill University "Lessons from genetically modified mouse models on the skeletal actions of vitamin D"</p> <p>ASBMR John Haddad Young Investigator: Erica Clinkenbeard, PhD-Indiana University "The role of iron and hypoxia sensing in FGF23-dependent metabolic bone disease"</p>	Dan Bikle, MD, PhD
7:45-10:00 p.m.	<p align="center">Welcome Dinner</p>	

Date / Time	Session	Session Chairs
Wednesday, April 8 7:00-9:30 a.m.	<p style="text-align: center;">Young Investigators session</p> <p style="text-align: center;"><u>ASBMR John Haddad Young Investigators</u></p> <p><u>Matthew Greenblatt, MD, PhD</u>-Weill Cornell Medical College “CHMP5 is a key regulator of osteoblast/osteoclast coupling”</p> <p><u>Patrik Christen, PhD</u>-ETH Zurich “Unraveling the mechanoregulation of bone remodeling in humans”</p> <p><u>David Weber, MD</u>-Children’s Hospital of Pennsylvania “Bone deficits and fracture risk in children with Type 1 Diabetes”</p> <p><u>Kyle Nishiyama, PhD</u>-Columbia University College of Physicians and Surgeons “Clinical applications of assessment of bone architecture and estimated strength by high resolution peripheral QCT”</p>	Chris Kovacs, MD
3:00-4:00 p.m.	<p style="text-align: center;">Meet the Professor Sessions</p> <p>Lynda Bonewald: “Has the pendulum swung too far for osteocytes: from doing nothing to doing everything?”</p> <p>Howard Morris: “Vitamin D actions on osteoblasts”</p> <p>David Goltzman: “Newer Concepts of the Regulation of Calcium and Phosphorus”</p>	
4:30-7:00 p.m.	<p style="text-align: center;">Late Breaking Clinical topics and Cases 10 short talks</p>	Richard Bockman, MD, PhD
7:45-10:00 p.m.	<p style="text-align: center;">Young Investigator Dinner</p>	Dana Gaddy, PhD Larry Suva, PhD
Thursday, April 9 7:00-9:30 a.m.	<p style="text-align: center;">Novel therapies for rare bone diseases</p> <p><u>Jose Luis Millan, PhD</u>- Sanford-Burnham, LaJolla, CA: “The Role of phosphatases in skeletal/dental mineralization and development of therapies for the soft bone disease, hypophosphatasia”</p> <p><u>Tom Carpenter, MD</u>-Yale University: “New therapies for FGF23 excess”</p> <p><u>ASBMR John Haddad Young Investigator</u> <u>Ingo Grafe, MD</u>- Baylor College of Medicine “Dysregulated matrix-cell signaling in Osteogenesis Imperfecta”</p>	Murat Bastepe, MD, PhD Nan Hatch, DMD, PhD
10:30a-12:00 p.m.	<p style="text-align: center;">SKI RACE</p>	
3:00-4:00 p.m.	<p style="text-align: center;">Debate: Mouse models do not inform studies of skeletal biology</p> <p style="text-align: center;">Struan Grant, PhD Rob Blank, MD, PhD</p>	Kurt Hankenson, DVM, PhD

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4:45-7:00 p.m.	<p align="center">Osteocyte-driven bone remodeling</p> <p>Lynda Bonewald, PhD-University of Missouri, Kansas City “One cell type: many functions. How does the osteocyte do it?”</p> <p>Charles O’Brien, PhD-University of Arkansas Medical Center “Osteocyte Control of Osteoclast Formation”</p> <p>ASBMR John Haddad Young Investigator Jesus Delgado-Calle, PhD-Indiana University “Osteocyte-driven osteoclast recruitment in multiple myeloma bone disease”</p>	Sarah Dallas, PhD
7:45-10:00 p.m.	<p align="center">AWARDS DINNER</p>	
Friday, April 10 7:00-9:30 a.m.	<p align="center">Late Breaking Basic Science Research</p> <p align="center">10 short talks</p>	Joy Wu, MD, PhD
3:00-4:00 p.m.	<p align="center">Meet the Professor Sessions</p> <p>Charles O’Brien: title Jose Luis Millan: “The role of phosphatases in skeletal and dental mineralization” Theresa Guise: “Cancer-associated muscle dysfunction”</p>	
4:30-7:00 p.m.	<p align="center">Metastatic Bone Disease</p> <p>Theresa Guise, MD-Indiana University: “Connection between cancer, bone and muscle”</p> <p>Philippe Clezardin, PhD-University of Lyon, France “Molecular bone targeted therapies”</p> <p>ASBMR John Haddad Young Investigator: Rachelle Johnson, PhD-Stanford University “The role of LIF/STAT3 signaling in tumor dormancy and activation in bone”</p>	Steve Popoff, PhD