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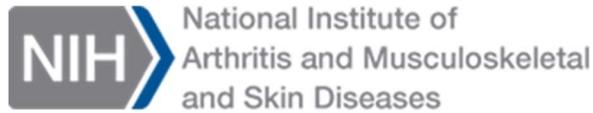
AIMM/ASBMR John Haddad Young Investigator Meeting April 7-10, 2026 Snowmass, Colorado

Welcome to our 40th annual meeting for Advances in Mineral Metabolism! The purpose of this conference is to bring scientists and clinicians together in a format of open verbal communication that permits the translation of basic science advances into clinical concepts. Physicians and scientists working in the field of bone and mineral metabolism are encouraged to participate.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Minnesota Medical Association and Advances in Mineral Metabolism. The Minnesota Medical Association (MMA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Minnesota Medical Association designates this activity for a maximum of *9 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The 2026 AIMM Meeting is supported in part by educational grants from the following sponsors



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John Haddad Family

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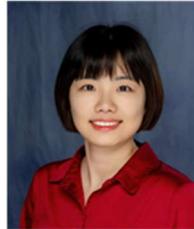
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2026 Young Investigator Awardees

AIMM Young Investigator



Xianrui Yang
University of Florida

Charles H. Turner Young Investigator



Hannah Wilson
Indiana University

ASBMR John Haddad Young Investigators



Assil-Ramin Alimy
Hamburg-Eppendorf



Ahmed Al Saedi
Univ Melbourne



Kun Chen
Univ Cal-Davis



Carolyn Chlebek
Maine Health



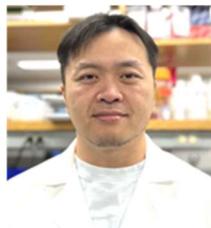
Mohamed Hassan
Wash Univ-St Louis



Jakob Hoepfner
Harvard



Kunjan Khanna
Wash Univ-St Louis



Joe Kodama
Maryland Univ



Ganesh K. Raut
Wash Univ-St Louis



Charles Schurman
Buck Institute

2026 Advances in Mineral Metabolism ASBMR John Haddad Young Investigator Meeting

April 7-10, 2026

All events take place in the main floor conference area at Stonebridge Inn, Snowmass, CO

Listed times are Mountain Time (MT)

Monday, April 6

4:00 – 7:00pm Registration (Stonebridge Inn)

Tuesday, April 7, 2026

6:15 – 7:00am Registration & Breakfast (Stonebridge Inn)

7:00 – 7:15am Welcome Melissa Kacena, PhD (AIMM President)

Session 1 **Rare Bone Diseases** **Chair** Joy Wu, MD (Stanford)
Co-Chair William Thompson (Indiana Univ)

7:15 – 8:00am *Bench to bedside development of ENPP1 enzyme therapy* Demetrios Braddock, MD/PhD (Yale)

8:00 – 8:45am *Multiscale determinants of brittle bone in osteogenesis imperfecta* Elizabeth Zimmerman, PhD (McGill University – Montreal)

8:45 – 9:00am Break

9:00 – 9:30am *Novel insights into subcellular PTH receptor signaling regulation from ultra-rare diseases* Jakob Hoepfner, MD, 2026 John Haddad YI (Harvard)

9:30 – 9:45pm Open discussion

9:45 – 10:15am Group Photo

noon – 1:30pm Mid-day consultations between young and established investigators (optional)

3:00 – 4:00pm Meet The Professor: *A Young Investigator Chat with a NIH Program Officer* Host: Kristy Nicks, PhD (NIAMS/NIH)

Session 2 **Cancer & Bone: Translational Perspectives** **Chair** Gabe Pagnotti, PhD (MD Anderson)
Co-Chair Danielle Smith, PhD (UTSW)

4:30 – 5:15pm *Molecular and cellular profiling of bone metastatic niches* Xiang Zhang, PhD (Baylor)

5:15 – 6:00pm *From tumor to bone: How breast cancer reprograms systemic immunity* Roberta Faccio, PhD (WashU – St Louis)

6:00 – 6:15pm Break

6:15 – 6:45pm *Chemotherapy-induced senescence drives bone loss* Ganesh Raut, PhD, 2026 John Haddad YI (WashU – St Louis)

6:45 – 7:00pm Open discussion

8:00 – 10:00pm Welcome Reception (meeting registrants only)

Thursday, April 9, 2026

6:15 – 7:00am	Breakfast (must present breakfast voucher)	
Session 5	Bugs & Bones	Chair Tom Ambrosi, PhD (UC – Davis) Co-Chair Brya Matthews, PhD (U Conn)
7:00 – 7:45am	<i>From gut to bone: Leveraging prebiotics for skeletal health</i>	Brenda Smith, PhD (Indiana University)
7:45 – 8:30am	<i>The gut microbiome and musculoskeletal disease</i>	Chris Hernandez, PhD (UC – San Francisco)
8:30 – 8:45am	Break	
8:45 – 9:15am	<i>Metabolism in bone is altered by obesity and weight loss</i>	Carolyn Chlebek, PhD, 2026 John Haddad YI (Maine Health)
9:15 – 9:45am	<i>Integrative lipidomics to understand lipotoxicity in fat-bone-muscle communication</i>	Ahmed Al Saedi, PhD, 2026 John Haddad YI (Univ Melbourne)
noon – 1:30pm	AIMM Board Meeting (Board members only)	
noon – 1:30pm	Mid-day consultations between young and established investigators (optional)	
3:00 – 4:00pm	AIMM Business Meeting & election of new officers	Melissa Kacena, PhD (AIMM President)
Session 6	YIs and Late Breaking Topics: Basic & Translational Science	Chair Yuji Mishina, PhD (Michigan) Co-Chair Milos Opacic, PhD (U Conn)
4:30 – 5:00pm	<i>Mass Spectrometry Methods for Investigating Age-Related Skeletal Biology and Tissue Crosstalk</i>	Charles Schurman, PhD, 2026 John Haddad YI (Buck Institute)
5:00 – 5:30pm	<i>Spatially regulated lipid metabolism in the growth plate</i>	Joe Kodama, MD/PhD, 2026 John Haddad YI, (Univ Maryland)
5:30 – 5:45pm	Break	
5:45 – 6:00pm	<i>A precision medicine approach for the treatment of low bone mass in Klinefelter Syndrome</i>	René St-Arnaud, PhD (Shriners Hospital for Children-Canada, McGill University)
6:00 – 6:15pm	<i>Glutamic-oxaloacetic transaminase (GOT) activity is essential for chondrogenesis and endochondral ossification in mice</i>	Danielle Smith, PhD (UTSW)
6:15 – 6:30pm	<i>Roles of β1 integrins and DDR2 in cranial regeneration and skeletal progenitor cell function</i>	Renny Franceschi, PhD, (Michigan)
6:30 – 6:45pm	<i>AIMM for the stars, IMPACT the world</i>	Melissa Kacena, PhD (Indiana Univ)
6:45 – 7:00pm	<i>An unusual case of vitamin D deficiency</i>	Joy Wu, MD (Stanford)
8:00 – 10:00pm	Awards Dinner (registrants & guests)	

Friday, April 10, 2025

6:15 – 7:00am	Breakfast (must present breakfast voucher)	
Session 7	GLP-1s & Musculoskeletal Health	Chair Muriel Babey, MD (Univ Calif – SF) Co-Chair Ying Tang, PhD (U Conn)
7:00 – 7:45am	<i>GLP-1 receptor agonist drugs and bone health</i>	Anne Schafer, MD (Univ Calif – San Francisco)
7:45 – 8:30am	<i>Semaglutide & the skeleton: Pre-clinical insights</i>	Cliff Rosen, MD (Maine Medical Center)
8:30 – 8:45am	Break	
8:45 – 9:45am	<i>A tissue engineering approach to regenerate the cranial suture skeletal stem cell niche with a tri-phasic biomaterial scaffold</i>	Yuji Mishina, PhD (Michigan)
noon – 1:30pm	Mid-day consultations between young and established investigators (optional)	
3:00 – 4:00pm	Meet The Professor: <i>Fracture healing, progenitor cells and regulation</i>	Host: Ivo Kalajzic, PhD (U Conn)
Session 8	Late-Breaking Topics: Clinical & Translational	Chair Alex Lambi, MD (Univ New Mexico) Co-Chair Diana Athonvarangkul, MD/PhD (Yale)
4:30 – 4:45pm	<i>Dissecting chromosomal and gonadal sex contributions to hematopoietic stem and progenitor cells and platelet production in the four core genotype mouse model</i>	Meagan Troyer, PhD Candidate (Indiana Univ)
4:45 – 5:00pm	<i>Decoding fracture pain: Behavioral characterization of fracture pain across age and surgical severity</i>	Spencer Britton, PHD candidate (Indiana Univ)
5:00 – 5:15pm	<i>Image cytometry: A flow-like workflow for mineralized tissue research</i>	Conner Quinlan, PhD candidate (Indiana Univ)
5:15 – 5:20pm	<i>Rapid-Fire: Transplantation of BMSC or ADSC in murine OI model</i>	Milos Opacic, PhD (U Conn)
5:20 – 5:25pm	<i>Rapid-Fire: Lack of endothelial cell derived notch ligands affects bone healing</i>	Yuichiro Tamagawa, PhD (U Conn)
5:25 – 5:30pm	TBD	TBD
5:30 – 5:45pm	TBD	TBD
5:45 – 6:00pm	TBD	TBD
6:00 – 6:15pm	TBD	TBD
6:15pm	Final remarks and adjourn	Melissa Kacena, PhD (AIMM President)

Next AIMM Meeting will be April 05-08, 2027



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