



MINNESOTA
MEDICAL
ASSOCIATION

AIMM 2023 PROGRAM (As of December 20, 2022)

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 AIMM. 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 live activity for a maximum of *(yet to be determined for 2022) AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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AIMM Founders Lecture Fund

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April 3 – 7, 2023, Monday – Friday
The Stonebridge Inn
Snowmass, Colorado
<https://aimmmeeting.org/>

All events at the Stonebridge first floor conference room/dining areas, or via zoom

Times provided are in Mountain Time (MT)

2023 AIMM/ASBMR John Haddad Young Investigator Awardees
TBN

2023 AIMM Young Investigator Awardee
TBN

2023 Charles Turner Young Investigator Awardee
Roy Byung-Jun Choi, Indiana University

Sunday, APRIL 2

2:30 - 6:00 pm Registration

MONDAY, APRIL 3

Registration continues

Morning 7:00 - 9:30 am

7:00-7:15 am Mary Barbe, PhD, Temple University, *AIMM President*: Introduction and Welcome

Session 1: Updates on bone mechanoresponsiveness (basic/translational)

Chair: Alexander G Robling, PhD, IUPUI (2004 Young Investigator (YI))

Co-Chair: Perla Reyez Fernandez, PhD, IUPUI (2022 YI)

Speakers

7:15-8:00 am: Virginia Ferguson, PhD, University of Colorado at Boulder

8:00-8:45 am: Joe P Stains, PhD, University of Maryland

8:30-8:45 am: Break

8:45-9:15 am: Young Investigator 1

9:15-9:30 am: Discussion and Overview

12:00-1:30pm: Mid-day consultations between Young and Established Investigators, including Mentoring Sessions

Afternoon 3:00 - 4:00 pm

SPECIAL SESSION - Promoting diversity in science

Speaker

3:00-4:00 pm, with discussion. Kristy Nicks, PhD, NIH/NIAMS. "NIH initiatives to promote diversity in science"

4:00-4:30 pm break

Afternoon to Evening Session 4:30 -7:00 pm

Session 2: Kidney and bone interactions, and Case (Translational – phosphate sensing)

Session Chair: John Wysolmerski, MD, Yale University
Co-Chair: Rafiou Agoro, PhD, Indiana University (2022 YI)

Speakers

4:30-5:20 pm: Eugene Rhee, MD, Massachusetts General Hospital
5:20-6:00 pm: Petra Simic, MD, Massachusetts General Hospital
6:00-6:15 pm: Break
6:15-6:45 pm: Young Investigator 2
6:45-7:15 pm: Young Investigator 3

8 pm: Welcome Reception for registrants (no guests)

TUESDAY, APRIL 4

Morning 7:00 - 9:30 am

Session 3: Tumor biology (Clinical & Basic Science)

Session Chair: Gabriel Pagnotti, PhD, MD Anderson (2019 YI)

Session co-Chair: Mary Barbe, PhD, Temple University

Speakers

7:00-7:45 am: Yangjin Bae, PhD, Baylor College of Medicine (2014 YI)
7:45-8:35 am: Chris Collier, MD, Indiana University.

8:35-8:50 am: Break
8:50-9:20 am: Young Investigator 4
9:20-9:30 Discussion and Overview

9:30 am GROUP PHOTO

12:00-1:30pm: Mid-day consultations between Young and Established Investigators

3-4:00 PM Meet the Professors Session (TBN) 3-4 pm

Afternoon to Evening 4:30 pm -7:00 pm

SPECIAL SESSION – TECHNIQUES

Speaker

4:30-5:15 pm: Jeff Moffitt, PhD, Harvard. New development in spatial transcriptomics & proteomics.
5:15-5:30 pm: Break

Session 4: Young Investigator Sessions

Chair: Courtney Karner, PhD, UTSouthwestern (2017 YI)

Co-Chair: Shirley Wang, PhD, Massachusetts General Hospital (2022 YI)

5:30-6:00 pm: Young Investigator 5
6:00-6:30 pm: Young Investigator 6
6:30-7:00 pm: Young Investigator 7

8-10:00 pm: 35TH SPECIAL ANNIVERSARY DINNER for registrants and guests

WEDNESDAY, APRIL 5

Morning 7:00 - 9:30 am

Session 5: Neural innervation of bone (basic/translational)

Session Chair: Kathryn Motyl, PhD, MaineHealth Institute for Research

Co-Chair: TBN

Speakers

7:00-7:45 am: Erica Scheller, DDS, PhD, Washington University (2014 YI)

7:45-8:30 am: Ryan Tomlinson, PhD, Thomas Jefferson University (2018 YI). NGF-TrkA Signaling in Bone

8:30-8:45 am: Break

8:45-9:15 am: Young Investigator 8

9:15-9:30 am: Discussion and Overview

The learning objectives are:

1. Understand nerve growth factor (NGF) expression and function in the skeleton
2. Assess efforts to utilize NGF-TrkA signaling for therapeutic applications

10:30-12 Noon: Nastar Ski Race, 10:30-Noon

12:30-2:00pm: Mid-day consultations between Young and Established Investigators

Meet the Professors Session (TBN) 3-3:45 pm

Afternoon to Evening Session 4:00 -7:00 pm

4:00-5:00 pm Business Meeting

5

Session 6: Clinical sessions (Young Investigator and Late Breaking Clinical Abstracts and Cases)

Session Chair: Michael Mannstadt, MD, Massachusetts General Hospital

5:15-5:45 pm: Young Investigator 9 – Clinical topic

5:45-7:15 pm **LATE BREAKING CLINICAL ABSTRACTS AND CASES**

8-10:00 pm: Past-Presidents Dinner for Young Investigators and Invited Speakers

THURSDAY, APRIL 6

Morning 7:00 - 9:30 am

Session 7 Formation and Degeneration of the Spine (Basic/Translational)

Session Chair: Florent Elefteriou, PhD, Baylor College of Medicine

Co-Chair: Thomas Ambrosi, PhD, UC Davis (2022 YI)

Speakers

7:00-7:45 am: Chitra Lekha Dahia, PhD, Hospital of Special Surgery, NY

7:45-8:30 am: Nilsson Holguin, PhD, Icahn School of Medicine at Mount Sinai, NY

8:30-8:45 am: Break

8:45-9:15 am: Young Investigator 10

9:15-9:30 am: Discussion and Overview

12:00-1:30pm: Mid-day consultations between Young and Established Investigators

SPECIAL SESSION – TECHNIQUES

Speaker

Steve Harris, PhD, UT Health San Antonio, Integration of genetic and genomic data to support human disease research

Afternoon to Evening 4:30pm - 7:00 or 7:15 (no later) pm

Session 8 Young Investigators and Late Breaking Basic Science/Translational Abstracts)

Session Chair: Daniel Perrien, PhD, Emory University School of Medicine

Co-Chair: TBN

4:30 - 5:00 pm: Young Investigator 11

5:00-5:30 pm: Young Investigator 12

5-5:15 break

5:30 –7:15 pm LATE BREAKING BASIC SCIENCE ABSTRACTS

8:00 –10 pm Awards Ceremony

April 7, Friday

Morning 7:00 - 9:30 am

Session 9 Age-associated fracture treatment and outcomes (Clinical)

Session Chair: Kurt Hankenson, DVM, PhD, University of Michigan (2003 YI)

Co-Chair: Claire Acevedo, PhD, University of Utah (2018 YI)

Speakers

7:00-7:45 am: Jaimo Ahn, MD, PhD, Gehring Professor, Michigan Medical

7:45-8:30 am: Mara Schenker, MD, Emory University

8:30-9:15 pm: Prism Schneider, MD, PhD, University of Calgary

Thank you for your attendance