

AIMM 2018 Program (as of September 22, 2017)

MONDAY, APRIL 9

Inaugural AIMM Pre Meeting—Non-CME Credit

3:00 – 7:00 pm: Registration

3:55 – 4:00 pm: Dana Gaddy, PhD, AIMM President, Introduction and Welcome

Next Generation Osteoporosis Treatments

Chair: Richard Bockman, MD, PhD, Hospital for Special Surgery

4:00 – 4:45 pm: Lorraine Fitzpatrick, MD, Radius--***Abaloparatide in the Evolving Osteoporosis Treatment Paradigm***

4:45 – 5:30 pm: Andreas Grauer, MD, Amgen--***Romozosumab in the Evolving Osteoporosis Treatment Paradigm***

5:30 – 5:45 pm: Break

5:45 – 6:30 pm: Mike McClung, MD, Oregon Osteoporosis Center

How Abaloparatide and Romozosumab should be used in the clinical setting

6:30 – 7:00 pm: Panel Discussion

7:45pm-10pm: Welcome Reception for registrants and guests

TUESDAY, APRIL 10

Regular AIMM Meeting Session 1 (CME credit)

Nutrition and Bone

Chair: Suzanne Jan DeBeur, MD, Johns Hopkins University School of Medicine

7:00 – 7:45 am: Elaine Yu, Harvard University--***Skeletal Health after Bariatric Surgery***

7:45 – 8:30 am: Connie Weaver, Purdue University--***Efficacy of Diet Interventions on Bone Calcium Retention: Using Calcium Isotopes***

8:30 – 8:45 pm: Break

8:45 – 9:15 am: ASBMR John Haddad Young Investigator

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

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

3:00-4:15 pm Special Session on Reproducibility in Research

Chair: Robert Marcus, MD, Stanford University

3:00-3:15 pm: Yvette Seger, FASEB

Scientific societies and the role of advocacy

3:15-3:30 pm: Dan Bikle, UCSF

Editorial and peer review responsibility

3:30-3:45 pm: Adam Marcus, Retraction Watch

Peer monitoring of reproducibility

3:45-4:15 pm: Panel Discussion

4:15-4:30 pm: Break

Session 2

Osteoimmunology and Osteomicrobiology

Chair: Ivo Kalajzic, PhD, University of Connecticut

4:30-5:15 pm: Laurie McCauley, DDS, PhD, University of Michigan--***Osteal macrophages: inspiring the landscape in bone***

5:15-6:00 pm: Roberto Pacifici, PhD, Emory University--***Microbiota, probiotics, and bone***

6:00-6:15 pm: Break

6:15-6:45 pm: ASBMR John Haddad Young Investigator

6:45 – 7:00 pm: Discussion and Overview

7:45 – 10:00 pm: Welcome Dinner for registrants and guests

WEDNESDAY, APRIL 11

Session 3

Skeletal stem cells in craniofacial and long bone development

Chair: Nan Hatch, DDS, PhD, University of Michigan

7:00 – 7:45 am: Noriaki Ono, DDS, PhD, University of Michigan--***Skeletal stem cells for bone development: A lineage-tracing perspective.***

7:45 – 8:30 am: Yuji Mishina, PhD, University of Michigan--***Functional analyses of BMP signaling on craniofacial neural crest cells; a novel cause of midline craniosynostosis.***

8:30 – 8:45 pm: Break

8:45 – 9:15 am: ASBMR John Haddad Young Investigator

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

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

2:30-3:45 pm: AIMM Board meeting at the bottom of the gondola (Location TBD)

3:00-4:00pm: **Meet The Professor Session 1:**

1A: Laurie McCauley-- ***Models of skeletal metastasis and osteal macrophage function***

1B: Elaine Yu--***Fidelity and Reproducibility in Bone Imaging***

Session 4

Young Investigator Session

Chair: Mary Barbe, MD, Temple University

4:00-5:30 pm— 3 ASBMR John Haddad Young Investigator presentations

5:30-5:45 pm—Break

5:45-6:45 pm— 2 ASBMR John Haddad Young Investigator

6:45-7:00 pm: Discussion and Overview

7:45 – 10:00 pm: Past-Presidents Dinner for Young Investigators, Invited Speakers

THURSDAY, APRIL 12

Session 5

Late-Breaking Clinical Topics Session

Chair: Michael Mansstadt, MD, Massachusetts General Hospital

7:00 – 8:30 am: Multiple short oral presentations

8:30 – 8:45 am: break

8:45 – 9:15 am: Multiple short oral presentations

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

10:30 – 12:00: Ski race

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

3:00-4:00pm: **Meet The Professor Session 2:**

2A: Noriako Ono--*Use of lineage tracing mouse models to answer important skeletal research questions.*

2B: Larry Suva and Andreas Grauer—*Young Investigator Career Mentoring*

4:00 – 4:45 pm: Business Meeting

Session 6

Rare Disease Connections - Heterotopic Ossification and Osteochondromas

Chair: Eileen Shore, PhD, University of Pennsylvania

4:45 – 5:30 pm: Maurizio Pacifici, PhD, Children's Hospital Philadelphia--*Shared pathogenic pathways offer common therapeutic targets in HME and FOP*

5:30 – 5:45 pm: break

5:45 – 6:30 pm: Donna Grogan, PhD, Clementia--*Promising animal data – Now what?*

6:30 – 7:00 pm: ASBMR John Haddad Young Investigator

7:45 – 10:00 pm: Awards Dinner for registrants and guests

FRIDAY, APRIL 13

Session 7

Late-Breaking Basic/Translational Science Topics Session

Chairs: Michaela Reagan, PhD, Maine Medical Center; Courtney Karner, PhD, Duke University

7:00 – 8:30: Short oral presentations

8:30 – 8:45: Break

8:45 – 9:30: Short oral presentations

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

3:00-4:15pm: **Meet The Professor Session 3:**

3A: Clemens Bergwitz--*Technology session: Knock-in strategies*

3B: Maurizio Pacifici--*Regulation of skeletal development by signaling proteins*

4:15-4:30pm: Break

Session 8

Skeletal and non-skeletal roles of PTHrP

Chair: Clemens Bergwitz, PhD, Yale University

4:30-5:15pm--Larry Suva, PhD, Texas A&M University--*PTHrP biology and action: 30 years and counting*

5:15-6:00pm--John Wysolmerski, Yale University--***PTHrP in humoral hypercalcemia of malignancy and breast development***

6:00-6:15pm: Break

6:15-6:45pm: ASBMR John Haddad Young Investigator

6:45 – 7:00 pm: Discussion and Close