

AIMM 2019 Draft Program Schedule

MONDAY, APRIL 8

3:00-7:00pm Registration

4:25-4:30pm: Dana Gaddy, AIMM President, Introduction and Welcome

Session 1:

FGF23 Mediated Hypophosphatemic Disorders (clinical)

Chair: *Clemens Bergwitz, Yale University*

4:30-5:15 pm: *Michael Econs, Indiana University: FGF23 Mediated Hypophosphatemic Disorders*

5:15-6:00 pm: *Suzanne Jan de Beur: Burosumab Therapy in Children and Adults with X-Linked Hypophosphatemia.*

6:00-6:15 pm: Break

6:15-6:45 pm: ASBMR John Haddad Young Investigator #1 (to be determined from competition)

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

7:45-10:00 pm: Welcome Reception for registrants

TUESDAY, APRIL 9

SESSION 2:

Cellular Senescence in Bone (basic)

Chair: *Matt Greenblatt, Will Cornell Medical School*

7:00-7:45 am: *Bob Pignolo, Mayo Clinic: Cell senescence and aging in mouse models of osteoporosis*

7:45-8:30 am: *Josh Farr, Mayo Clinic: Targeting senescent cells to prevent age-related bone loss*

8:30-8:45 am: Break

8:45-9:15 am: ASBMR John Haddad Young Investigator #2 (to be determined from competition)

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

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

3:00-4:00 pm ***Special Debate Session: Low/Normal Testosterone in Men Should be Treated with Testosterone Replacement (clinical)***

Chair: *Daniel Bikle, UC San Francisco, VA Medical Center*

Against the Motion: *Shalander Bhasin, Brigham and Women's Hospital*

For the Motion: *Peter Snyder, Perelman School of Medicine, University of Pennsylvania*

4:00-4:30 pm: Break

SESSION 3

Young Investigators session (B/C)

Chair: *Mary Barbe, Temple University*

Speakers: ASBMR John Haddad Young Investigators (#3-6)

Presenters and titles result from competitive applications.

4:30-5:30 pm: 2 ASBMR John Haddad Young Investigator presentations

5:30-5:45 pm: Break

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

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

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

WEDNESDAY, APRIL 10

SESSION 4

Use of Bone Targeted Agents in Cancer Therapy (Clinical)—Regular session or special session

Chair: *Bob Gagel, MD Anderson Cancer Center*

7:00-7:45 am: *Rob Coleman, University of Sheffield*: Inhibition of bone resorption necessary but not sufficient for prevention of metastasis in postmenopausal breast cancer

7:45-8:30 am: *David Roodman, Indiana University*: Antibody targeting for Myeloma bone disease.

8:30-8:45 am: Break

8:45-9:15 am: ASBMR John Haddad Young Investigator #7 (to be determined from competition)

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

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

3:00-4:15pm: **Meet the Professor Session 1:**

1A. *Mike Econs and Bart Clarke*: Getting involved in ASBMR

1B. *Larry Suva*: Enhancing Diversity in Bone and Mineral Research: Challenges and Opportunities

SESSION 5:

Mechanical Loading from Local Responses to Fatigue Loading and Fracture (B/C)

Chair: *Robert Blank, University of Pennsylvania*

4:00-4:45 pm: *Alex Robling, Indiana University*: Regulation of mechanosensing in bone cells

4:45-5:30 pm: *J Christopher Fritton, Rutgers University*: Role of osteonal microstructure on damage due to fatigue loading

5:30-5:45 pm: Break

5:45-6:30 pm: *Mary Bouxsein, Beth Israel Deaconess Medical Center*: Effect of initial military training on bone structure

6:30-7:00 pm: ASBMR John Haddad Young Investigator #8 (to be determined from competition)

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

THURSDAY, APRIL 11

SESSION 6:

GPCRs and Cancer (Basic)

Chair: *John Wysolmerski, Yale University*

7:00-7:45 am: *Tim Skerry, University of Sheffield*: Regulation of GPCR function by RAMPs - implications in physiology and cancer

7:45-8:30 am: *Florent Eleftheriou, Baylor College of Medicine*: Beta-adrenergic receptor activation in progression of breast cancer bone metastasis

8:30-8:45 am: Break

8:45-9:15 am: ASBMR John Haddad Young Investigator #9 (to be determined from competition)

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

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

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

2A. *Suzanne Jan de Beur*: Discussion on Challenging Clinical Cases (participants bring their cases)

2B. *Andre van Wijnen*: Managing RNA Data from RNAseq and Single-cell RNA Analysis

4:00-4:45pm: Business Meeting

SESSION 7:

Late-breaking clinical topics

Chair: *Robert Gensure*, Tufts Medical Center

Speakers: Presenters and titles finalized at the meeting.

4:30-5:45 pm: Short oral presentations

5:45-6:00 pm: Break

6:00-7:00 pm: Short oral presentations

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

FRIDAY, APRIL 13

SESSION 8:

Late-breaking basic/translational science topics

Chair: *Michaela Reagan*, Maine Medical Center

Speakers: Presenters and titles finalized at the meeting.

7:00-8:30 am: Short oral presentations

8:30-8:45 am: Break

8:45-9:30 am: Short oral presentations

9:30-9:45 am: Discussion and Overview

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

3:00-4:15pm: Meet the Professor Session 3:

3A. *Robert Coleman*: Designing clinical trials for measuring skeletal related events in cancer therapy

3B. *Mary Boussein*: Biomechanics/imaging/bone quality

SESSION 9:

Bone and Tissue Regeneration (Basic)

Chair: *Kurt Hankenson*, University of Michigan

4:00-4:45 pm: *Francesca Mariani*, USC: Rib regeneration in a mouse model

4:45-5:30 pm: *Stefano Di Talia*, Duke: Quantitative imaging approaches to osteoblast regeneration in zebrafish.

5:30-5:45 pm: Break

5:45-6:15 pm: *Lindsay Dawson*, Texas A&M University: Mouse Digit Regeneration

6:15-6:45 pm: ASBMR John Haddad Young Investigator-#10

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