## Program Schedule

### Thursday, August 15th, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00 PM – 7:00PM</td>
<td>Welcome Reception, Hine Hall, IUPUI</td>
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### Friday, August 16th, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30AM – 8:00AM</td>
<td>Breakfast and Registration</td>
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</table>
| 8:00AM – 8:15AM | Welcoming Remarks
  Anantha Shekhar (Indianapolis, IN)
  Lynda Bonewald (Indianapolis, IN) |
| 8:15AM – 8:30AM | Welcoming Remarks
  Anantha Shekhar (Indianapolis, IN)
  Lynda Bonewald (Indianapolis, IN) |
| 8:30AM – 9:00AM | Session Keynote Speaker
  Paul Robbins (Minneapolis, MN)
  University of Minnesota |
| 9:00AM – 9:20AM | Lillian Plotkin (Indianapolis, IN)
  Indiana University School of Medicine |
| 9:20AM – 9:40AM | Marco Brotto (Arlington, TX)
  University of Texas at Arlington |
| 9:40AM – 9:50AM | Stephanie Jo (Philadelphia, PA)
  University of Pennsylvania |
| 9:50AM – 10:00AM | Vidyani Suryadevara (Indianapolis, IN)
  Indiana University School of Medicine |
| 10:00AM – 10:30AM | Poster Session and Coffee Break                                       |

### Session 1: Muscle-Bone Interactions During Aging
**Chair:** Lilian Plotkin

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<tr>
<th>Time</th>
<th>Speaker</th>
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| 8:30AM – 9:00AM | [Session Keynote Speaker](#) Paul Robbins (Minneapolis, MN)
  University of Minnesota |
| 9:00AM – 9:20AM | Lillian Plotkin (Indianapolis, IN)
  Indiana University School of Medicine |
| 9:20AM – 9:40AM | Marco Brotto (Arlington, TX)
  University of Texas at Arlington |
| 9:40AM – 9:50AM | Stephanie Jo (Philadelphia, PA)
  University of Pennsylvania |
| 9:50AM – 10:00AM | Vidyani Suryadevara (Indianapolis, IN)
  Indiana University School of Medicine |

### Session 2: Muscle-Bone Interactions in Cancer
**Chair:** Teresa Zimmers

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<tr>
<th>Time</th>
<th>Speaker</th>
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| 10:30AM – 11:00PM | [Session Keynote Speaker](#) Andrew Judge (Gainesville, FL)
  University of Florida |
| 11:00AM – 11:20AM | David Waning (University Park, PA)
  Penn State University |
| 11:20AM – 11:40AM | Harikrishna Nakshatri (Indianapolis, IN)
  Indiana University School of Medicine |
| 11:40AM – 11:50AM | Fabrizio Pin (Indianapolis, IN)
  Indiana University School of Medicine |
| 11:50AM – 12:00PM | Josh Huot (Indianapolis, IN)
  Indiana University School of Medicine |
| 12:00PM – 1:30PM | Lunch and Poster Session                     |
## Session 3: Exercise-Mediated Muscle-Bone Transducers
**Chair:** Karyn Esser

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<th>Time</th>
<th>Event</th>
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| 1:30PM – 2:00PM | **Session Keynote Speaker**  
Juerg Gasser (Basil, Switzerland)  
Novartis |
| 2:00PM – 2:20PM | Karyn Esser (Gainesville, FL)  
University of Florida |
| 2:20PM – 2:40PM | Jarrod Call (Athens, GA)  
University of Georgia |
| 2:40PM – 2:50PM | Gabriel Pagnotti (Indianapolis, IN)  
Indiana University School of Medicine |
| 2:50PM – 3:00PM | Phillip Dumesic (Boston, MA)  
Dana-Farber Cancer Institute; Harvard University Medical School |
| 3:00PM – 3:30PM | Poster Session |

## Session 4: Role of Muscle and Bone Factors in Energetics and Metabolism
**Chair:** Monte Willis

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<th>Time</th>
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| 3:30PM – 4:00PM | **Session Keynote Speaker**  
Gustavo Duque (Melbourne, AUS)  
Beyond energy regulation: New insights into fat, muscle and bone interactions.  
University of Melbourne |
| 4:00PM – 4:20PM | Monte Willis (Indianapolis, IN)  
Indiana University School of Medicine |
| 4:20PM – 4:40PM | Theresa Guise (Indianapolis, IN)  
Indiana University School of Medicine |
| 4:40PM – 4:50PM | Josephine Tauer (Montreal, QC, Canada)  
Shriners Hospital for Children |
| 4:50PM – 5:00PM | Melissa Kacena (Indianapolis, IN)  
Indiana University School of Medicine |
<p>| 5:00PM – 6:00PM | Speed Networking Event |
| 6:30PM – 7:00PM | Happy Hour Reception |
| 7:00PM – 8:30PM | Dinner |</p>
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<tr>
<td>7:30AM – 8:00AM</td>
<td>Breakfast</td>
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<tr>
<td>8:00AM – 8:30AM</td>
<td>Welcome and Key Note Introduction by Dr. Frank Rauch</td>
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| 8:30AM – 9:30 AM | Thomas Rando  
Stanford University                                      |
| 9:30AM – 10:00AM | Coffee Break and Poster Session                                     |

**Session 5: Muscle-Bone Interactions in Orthopedics**  
Chair: Todd McKinley*

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<th>Time</th>
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| 10:00 AM – 10:30 AM | **Session Keynote Speaker**  
Celine Colnot (Paris, France) 
Imagine Institute          |
| 10:30AM – 10:50AM  | **Todd McKinley** (Indianapolis, IN) 
Indiana University School of Medicine |
| 10:50AM – 11:10AM  | **Dorthee Girard** (Clamart, France) 
Institut de Recherche Biomédicale des Armées |
| 11:10AM – 11:20AM  | **Roman Natoli** (Indianapolis, IN) 
Indiana University School of Medicine |
| 11:20AM – 11:30AM  | **Ashley Weaver** (Winston-Salem, NC) 
Wake Forest University School of Medicine |
| 11:30AM – 1:00PM  | Lunch; Poster Judging and Campus Tours                              |

**Session 6: Biomechanical Relationships Between Muscle and Bone**  
Chair: Stuart Warden

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<th>Time</th>
<th>Event</th>
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| 1:00 PM – 1:30 PM | **Session Keynote Speaker**  
Silvia Blemker (Charlottesville, VA) 
University of Virginia          |
| 1:30PM – 1:50PM  | **Stuart Warden** (Indianapolis, IN) 
Indiana University School of Medicine |
| 1:50PM – 2:10PM  | **Mariana Kersh** (Urbana, IL) 
University of Illinois at Urbana-Champaign |
| 2:10PM – 2:20PM  | **Christian Wright** (Indianapolis, IN) 
Indiana University School of Medicine |
| 2:20PM – 2:30PM  | **Hui Jean Kok** (Gainesville, FL) 
Research Service Malcom Randall VA Medical Center |
| 2:30PM – 3:00PM  | Break and Finalize Poster Placements                                 |

**Session 7: Muscle-Bone Interactions in Genetic Diseases**  
Chair: Frank Rauch

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| 3:00PM – 3:30PM | **Session Keynote Speaker**  
Jose Millan (La Jolla, CA) 
Sanford Burnham Prebys Medical Discovery Institute          |
| 3:30PM – 4:00PM  | **Emily Pendleton** (Athens, GA) 
University of Georgia Regenerative Bioscience Center |
| 4:00PM – 4:10PM  | **Iris Boraschi-Diaz** (Montreal, Canada) 
Shriners Hospital for Children |
| 4:10PM – 4:20PM  | **Ahmed Al Saedi** (St. Albans, VIC, Australia) 
The University of Melbourne |
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<tbody>
<tr>
<td>4:30 PM – 5:30 PM</td>
<td>Industry Interactions</td>
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<tr>
<td>5:30PM – 6:30PM</td>
<td>Happy Hour and Reception</td>
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<tr>
<td>7:00 PM – 8:30 PM</td>
<td>Conference Dinner</td>
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<tr>
<td>Time</td>
<td>Session/Activity</td>
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<tr>
<td>8:00 AM – 8:30 AM</td>
<td>Breakfast</td>
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| 8:30 AM – 9:00 AM | Session 8: Role of Soluble Factors in Muscle-Bone Interactions  
Chair: Lynda Bonewald  
**Session Keynote Speaker**  
Sarah Dallas (Kansas City, MO)  
University of Missouri – Kansas City |
| 9:00 AM – 9:20 AM | Mark Johnson (Kansas City, MO)  
University of Missouri – Kansas City |
| 9:20 AM – 9:40 AM | Yukiko Kitase (Indianapolis, IN)  
Indiana University School of Medicine |
| 9:40 AM – 9:50 AM | Evan Buettmann (Richmond, VA)  
Virginia Commonwealth University |
| 9:50 AM – 10:00 AM | Alyson Essex (Indianapolis, IN)  
Indiana University School of Medicine |
| 10:00 AM – 10:30 AM | Coffee Break                                         |
| 10:30 AM – 11:00 AM | Session 9: Nutritional Mediators of Muscle-Bone Interactions  
Chair: Mark Hamrick  
**Session Keynote Speaker**  
Roger Fielding (Boston, MA)  
Tufts University |
| 11:00 AM – 11:20 AM | Mark Hamrick (Augusta, GA)  
Medical College of Georgia |
| 11:20 AM – 11:40 AM | Jennifer Hartwell (Indianapolis, IN)  
Indiana University School of Medicine |
| 11:40 AM – 12:00 PM | Sukanya Suresh (Indianapolis, IN)  
Indiana University School of Medicine |
| 12:00 PM – 12:30 PM | Lunch – Announce Poster Winners                      |
| 12:30 PM – 1:00 PM | Session 10: Muscle-Bone Interactions in Pediatrics  
Chair: Erik Imel*  
**Session Keynote Speaker**  
Mary Leonard (Stanford, CA)  
Stanford University |
| 1:00 PM – 1:20 PM | Jamie Renbarger (Indianapolis, IN)  
Indiana University School of Medicine |
| 1:30 PM – 2:30 PM | Concluding Session:  
Session Keynote Speakers and Chairs with NIH representatives |
Thank you to our sponsors!