Myofilament meeting May 18-21, 2024. Madison, Wi.

Contractile Systems, Mechanobiology & Regulation: Novel Concepts, Technologies & Applications

Organizing committee: B. Biesiadecki, E. Brunello, A. Cammarato, H. Granzier (Chair), J. Kirk, K. Kontrogianni-Konstantopoulos, M. Regnier, J. van der Velden, and R. Moss (ex officio)


The meeting comprises:

- Two plenary sessions plus panel discussion (75 minutes, 55 min, and 35 mins, resp.).
- Five oral sessions.
  
  Sessions I and II will each have three talks of 20 minutes each + one ECI talk of 15 minutes.
  Sessions III, IV and V will each have four talks of 20 minutes each + one ECI talk of 15 minutes.
- Plenary lecture of 40 minutes.
- Two poster sessions.
- A closing session that includes Poster awards, ECI awards, and a discussion of current and future directions in the field.

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<td>Poster session 1</td>
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Saturday, May 18

10:00 – 5:30  ECI Sessions
5:30 – 7:00  Welcome reception
Sunday, May 19

7:30 – 8:15  Continental breakfast
8:15 – 8:30  Welcome
8:30 – 9:45  Plenary Session 1 – High resolution myofilament structure
9:45 – 10:15 Refreshment Break
10:15 – 11:10 Plenary Session 2 – implication of high-resolution myofilament structure
11:10- 12:00 Panel discussion
12:00 – 1:00 lunch
1:00 – 2:15  Oral session I – Molecular mechanisms of regulation and contraction
3:30– 5:30  Poster session 1 (refreshments served)
6:30 – 8:00  Evening event – Networking; standing Dinner for all meeting participants

Monday, May 20

7:30 – 8:15  Breakfast
8:30 – 10:05  Oral Session III – MyBP-C, titin and other thick filament-associated proteins
10:10 – 10:40 Refreshment Break
10:40 – 11:25  Plenary Lecture
11:30 – 1:00  Lunch + optional 30 min Tissue slice demo/workshop
1:00 – 2:35  Oral session IV – Filaments, membranes & enzymes influencing contractility
2:45 – 5:00  Poster session 2 (refreshments served)
6:00 – 8:30  Dinner – reception at 6:00, seating at 6:30
**Tuesday, May 21**

7:30 – 8:30  **Breakfast**

8:30 – 10:05  **Oral Session V – Myofilament-based diseases**

10:05 – 10:35  Refreshment Break

10:35 – 12:50  **Closing session**

10:35 – 11:05  **Poster Awards**
11:05 – 11:35  **ECI Awards**
11:35 – 12:35  **Summary panel** - current and future directions
12:35 – 12:50  **Closing remarks**

1:00 – 1:45  **Box lunches** in dining room or to take to topical workshops.

1:00 – 4:05  **Topical Workshops** (optional): 3 x 60 min

**Topical Workshops:**

1. iPSC workshop
2. Computational approaches in myofilament research
3. Low-angle X-ray diffraction