

Tucson 2026 Myofilament meeting

What's Hot in Myofilament Structure, Elasticity, and Regulatory Networks in Muscle Function and Disease

When: May 23-26, 2026

Where: Harvill Auditorium, University of Arizona Campus, Tucson.

Hotel: Tucson Marriott University Park

Organizing committee: Elisabetta Brunello, Brandon Biesiadecki, Tony Cammarato, Brett Colson (local committee representative), Henk Granzier (Chair), Johnathan Kirk, Katia Kontrogianni-Kanstantopolous, Mike Regnier, Jolanda van der Velden, Dave Warshaw.

ECI Committee: Kathleen Woulfe and David Barefield. (2028 ECI organizers, Matt Childers and Alison Vander Roest). ECI committee will organize the ECI symposium on Saturday May 23.

Local Committee: Brett Colson (chair), Sam Harris, Jil Tardiff, Carter Ralphe (former chair of UW/Madison committee), Sakthi Sadayappan, Tae-Jeong Song.

Becca Van Sickler, Conference Coordinator, Email: beccav@arizona.edu

The meeting consists of:

- ECI Symposium
- Six oral sessions. Talks will be 20 minutes (includes discussion).
- Five plenary lectures, 30 minutes each.
- Two days of poster sessions.
- A closing session that includes ECIs awards, and a discussion on the present and future of the field.
- Workshops

Overview

Saturday May 23

- ECI symposium
- *18 talks (10 min) selected from abstracts.*
- Senior PI Plenary Presentation: Jil Tardiff, MD, PhD. U. of Arizona
- *Welcome Reception*

Sunday May 24

- Oral session I
- *Plenary lecture I*
- Oral session II
- *Plenary lecture II*
- Poster session 1
- Networking event at Gentle Ben's

Monday May 25

- Oral session III
- Oral session IV
- Plenary lecture III
- Oral session V
- Plenary lecture IV
- Poster session 2
- Conference dinner
Tanque Verde Guest Ranch

Tuesday May 26

- Oral session VI
- Plenary lecture V
- Closing session:
 - Awards
 - Present and future of the field
 - Closing remarks

Saturday May 23

ECl symposium

Organizers: Kathleen Woulfe and David Barefield.

10:00 am – 5:00 pm

- 18 talks (10 min) selected from abstracts.
- Senior PI Plenary Presentation: Jil Tardiff, University of Arizona.

Additional details provided later (check back in)

6:00 – 8:00

- *Welcome Reception. Tucson Marriott University Park*

Sunday May 24

Harvill Auditorium:

7:30 – 8:00: (Optional) Coffee Conversational at Harvill Patio

Welcome: 8:00-8:10

8:15-9:55

Oral session I: **High resolution filament structure**

Moderator: Pradeep Luther /ECl (selected from ECl abstracts)

- Roberto Dominguez (University of Pennsylvania)
- Kristina Djinović-Carugo (EMBL Grenoble)
- Vitold Galkin (East Virginia University)
- Steve Schwarz (University of Arizona)
- Marco Linari (University of Florence)

10:00-10:30: Coffee Break at Harvill Patio

10:30-11:00 Plenary lecture I. Stefan Raunser, Max Planck, Dortmund

Marriott Ballroom:

11:00-12:50 lunch/posters session 1

Harvill Auditorium:

1:00-2:40

Oral session II: **Regulation of contraction.**

Moderator: Neil Kad (tentative) /ECI (selected from ECI abstracts)

- Ken Campbell (University of Kentucky)
- Theresia Kraft (Hannover University, Germany)
- Sakthi Sadayappan (University of Arizona)
- Mike Ostap (University of Pennsylvania)
- Chiara Tesi (University of Florence, Italy)

2:45-3:15 *Plenary lecture II: Jim Spudich (Stanford University)*

Marriott Ballroom

3:30-6:00 Poster session I

6:30 -8:30 Networking event at Gentle Ben's

8:30 End of Day's Activities

Monday May 25

Harvill Auditorium:

7:30 – 8:00: Coffee Conversational at Harvill Patio

8:00-9:30 Oral session III: **Marion Siegman, smooth muscles and non-muscle myosins!**

Moderators: Sam Harris & Frank Brozovich,

- Introduction by Sam Harris, University of Arizona (5 min)
- Marion Siegman, Thomas Jefferson University
- Jordan Beach, Loyola University.
- Sarah Heissler, Ohio State University
- Jim Sellers (NIH)

9:30-10:00 Coffee break on Harvill Patio

10:00-11:40 Oral session IV: **PTMs associated with myofilament structure and function.**

Moderator: Mike Geeves (tentative)/ECI (selected from ECI abstracts)

- Mike Previs (University of Vermont)
- Joe Metzger (University of Minnesota)
- Ying Ge (University of Wisconsin/Madison)
- Mark Miller (University of Massachusetts/Amherst)
- Sila Algul (University of Amsterdam)

11:40-12:20 Plenary lecture III Jenni van Eyk, Ceders-Sinai, Medical Center.

Marriott Ballroom:

12:20-2:05 lunch/posters session II

Harvill Auditorium:

2:15-3:55 Oral session V: **Mechanosensing.**

Moderator: Siegfried Labeit /ECI (selected from ECI abstracts)

- Jie Yan (National University of Singapore)
- Jose Pinto (Florida State University)
- Wolfgang Linke (Muenster University)
- Elisabetta Brunello (King's College)
- Jorge Alegre-Cebollada (CINIC/Spain).

4:00-4:30 Plenary lecture IV David Kass (Johns Hopkins Medical School)

Marriott Ballroom:

4:30-6:00 Poster session II

Meet at Marriott entrance to board bus at 6:00 pm

Buses leave at 6:30

Tanque Verde Ranch:

7:00 – 9:00 Conference dinner at Tanque Verde Guest Ranch.

9:00 Buses leave Tanque Verde Ranch to return to Marriott

9:30 End of Day's Activities

Tuesday May 26

Harvill Auditorium:

7:30 – 8:00: Coffee Conversational at Harvill Patio

8:00-10:45 Oral session VI: **Myofilament-based diseases.**

Moderator: Coen Ottenheijm/ECl (selected from ECI abstracts)

- Vandana Gupta (Brigham and Women's Hospital, Harvard University)
- Mathias Gautel (King's College)
- David Mack (University of Washington)
- Josine de Winter (University of Amsterdam/Netherlands)

Break

- Hesham Sadek (University of Arizona)
- Travis Hinson (The Jackson Laboratory in Farmington).
- Sharlene Day (University of Pennsylvania)
-

10:45-11:05 Coffee break on Harvill Patio

11:05-11:35 Plenary lecture V: Alan Russell (Edgewise)

11:35- 12:55

Closing session, Moderator: Kathleen Woulfe and David Barefield

- Poster awards and ECI awards (15 minutes)
- Present and Future of the field (60 minutes)
- Closing of the meeting (5 minutes)

Marriott Ballroom:

1:00-2:00 lunch

2:00-4:00 Optional

- Mouse echocardiography (Carl Tong and Marloes van Den Berg)
- Ionoptix workshop (tentative)

Additional details provided later (check back in)