



## Poster Abstract Deadline for the 50th International Musculoskeletal Biology Workshop

**The deadline is quickly approaching for *Poster Abstract* submissions** for the 50th International Musculoskeletal Biology Workshop. All submissions will need to be in by Friday, June 2, 2023. The workshop will take place July 22 - 27 at Zermatt Utah Resort and Spa in Midway, Utah. This workshop will identify problems in musculoskeletal disease and experimental approaches that provide solutions. Concepts debated at the workshops have had, and continue to have, a strong impact on the study of skeletal physiology and disorders. All investigators interested in increasing understanding across the many disciplines that study musculoskeletal and mechano-biology are encouraged to attend.

### Session Spotlight

Join us at the 2023 workshop to be a part of this exciting and informative session:

#### **Osteoclasts: Origin and Fate**

Chaired by Michelle McDonald, Garvan Institute/University of Sydney, and Including:

- *Introduction to Osteoclast Biology* with Michelle McDonald
- *Osteoclast Pre-Cursors and Beyond - Bone and Immune Functions* with Kyung-Hyun Park-Min
- *Osteoclasts and Macrophages: Origin, Function and Maintenance* with Frederic Geissman
- *Osteoclast Dynamics: Function and Fate* with Sarah Dallas

Zermatt Resort offers [many great activity options](#) that will keep you entertained during your free time at the conference.

**The hotel reservation deadline is Monday, June 19.**

**To connect with potential roommates or to share a ride from the SLC airport,** visit the [Discussion Forum](#) under the ORS online member community portal.

Thank you to event sponsors:

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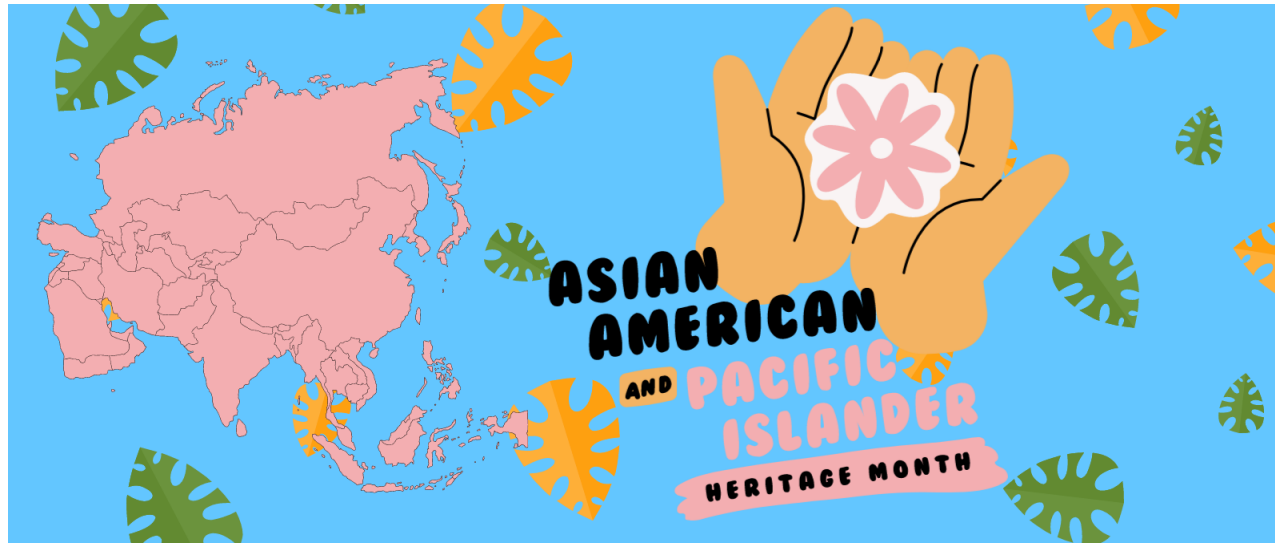


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Register Today

## May is Asian/Pacific American Heritage Month



May is Asian/Pacific American Heritage Month which has been established to celebrate Asians and Pacific Islanders in the United States. We thank the Asian/Pacific American community for their contributions in the field of orthopaedics and musculoskeletal research.

Did you know that ORS has Chinese translations for many of the [Basic Science Tips](#) series? If you or any of your colleagues can use this valuable information, please check out these recent articles:

- [How Hypoxic is the Initial Phase of Fracture Healing?](#)
- [Age-Related Stem Cell Dysfunction with Aging](#)
- [Conversion of White Fat to Brown/Beige Fat Improves Rotator Cuff Muscles Quality](#)
- [What Can We Learn from Evolutionary Adaptations of Bat's Shoulder for Developing New Approaches to Treat Glenohumeral Joint Instability and Rotator Cuff Pathology?](#)
- [Patient Sex Affects Knee Osteoarthritis Outcomes After ACL Reconstruction](#)
- [Patient-Specific Musculoskeletal Modeling Can Predict Back Muscle Activation During Dynamic Activities](#)
- [What is Required in the First 7 Days Post Fracture for Normal Healing?](#)

To share the story of a member of the Asian/Pacific American community who works, or has worked, in orthopaedics, please [CLICK HERE](#).

## May is Mental Health Awareness Month

# Your Mental Health Matters

Get tips and resources from NIMH to take care of your mental health.



[nimh.nih.gov/mymentalhealth](https://nimh.nih.gov/mymentalhealth)

During National Mental Health Awareness Month in May and every month of the year, your mental health matters. [Get tips and resources](#) from the National Institute of Mental Health (NIMH) to learn how to take care of your mental health. If you are looking for ways to raise awareness about mental health in your community, you can use these [digital shareable resources](#) to spread the word.

## Find or Post Events on the New Orthopaedic Events Calendar



A new orthopaedic events calendar has been added to the ORS website. The events listed are of potential interest to those in the orthopaedic community. ORS Members are welcome to submit applicable events at no charge through the Submit Event button at the top of the calendar on the site. Institutions or sponsors interested in posting an event are welcome to do so in exchange for a donation to ORS. For information, please email [ors@ors.org](mailto:ors@ors.org).

[Find or Post Events](#)

# Online Educational Opportunities from LearnORS

LearnORS



[LearnORS](#), the online education platform from the ORS, offers a complete learning experience in a format designed to meet learners' educational needs. Each LearnORS course delivers eLearning training materials from one online location. ORS Members receive a discounted rate for all courses.

The next Virtual Scientific Session from LearnORS will be:

## **Biology of the Meniscus: The Recent Advances**

Wednesday, May 31, 2023

12:00 pm – 1:00 pm (Central Time)

Virtual Scientific Sessions are Free for ORS Members

### *Organizers:*

Francesco Travascio, PhD and Jay Trivedi, PhD

### *Speakers:*

Hun-Jin Jeong, Columbia University

Natalie Fogarty, University of Pennsylvania

Graciosa Texeira, Ulm University

[Register Today](#)

If you missed the last session, **Using i-GONAD and Other Novel Techniques to Rapidly Generate Mouse Models of Human Skeletal Disease**, the April session, **Novel Turkey Model for Musculoskeletal Research**, or any previous sessions, you can still [access the videos](#).

Those who have an idea for a future Virtual Scientific and Career Development Session should speak with their section or committee leaders about eligibility and the application process.

## **Join Us for *Conversations with Kurt***

Conversations  
with Kurt





ORS members have unique access to raise their questions, comments, and concerns directly to ORS leadership. Each month, ORS Board President, Kurt Hankenson, DVM, MS, PhD presents an informal forum for members to engage directly on important topics, and to ask questions about the ORS and the field of orthopaedic research. Each *Conversations with Kurt* event will center on a specific topic and offer plenty of opportunity for members to bring up matters that are most important to them.

Members can click the link below to register for the next *Conversations with Kurt* which will take place May 30 at 10:00 am Eastern.

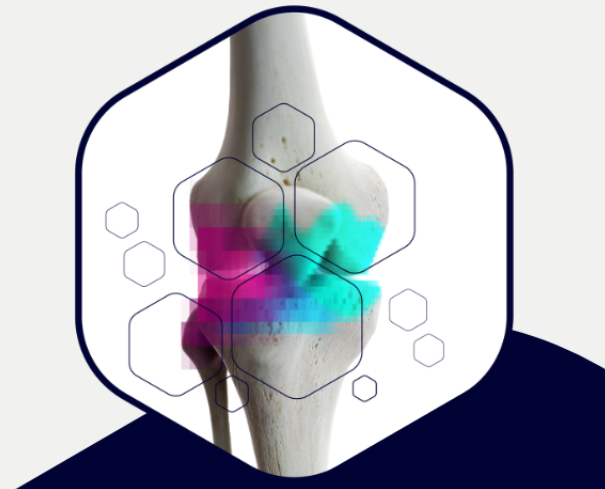
[Join the Conversation](#)

Video recordings of previous *Conversations with Kurt* sessions are available to ORS members through the Memberclicks portal. Just [click here](#) and look for the last item under Quick Links on the right side of your page.

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## A New Program to Fund Research on Osteoarthritis

### **NITRO** Novel Innovations for Tissue Regeneration in Osteoarthritis



The Advanced Research Projects Agency for Health (ARPA-H) is a research funding agency that supports transformative biomedical and health breakthroughs – ranging from the molecular to the societal – to provide health solutions for all. Novel Innovations for Tissue Regeneration in Osteoarthritis (NITRO) is the first of several programs that ARPA-H intends to launch this year and it aims to solve treatment challenges in osteoarthritis (OA). NITRO will explore technologies focused in three areas - injectable bone regeneration, injectable cartilage regeneration, and replacement joints built from human cells. NITRO will fund several research teams to develop and leverage innovative forms of regenerative medicine to create minimally invasive therapeutics that fully regenerate damaged joints. A Proposers' Day for interested research teams, or performers, is scheduled for June 15, 2023.

[Learn More](#)

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## Join the ORS TikTok Summer Challenge

Did you know [ORS is on TikTok](#)? If you are



interested in science communication, orthopaedic advocacy, or general lab fun, the ORS Social Media Committee invites you to participate in this summer's ORS TikTok Challenge. ORS members are invited to create and [upload their videos](#) (save file as: FirstName.LastName) by July 17th.

Videos will be posted on the ORS TikTok account and winners will be determined based on the number of views and likes for each video.

*Submissions could include:*

- Explanations of rare or orthopaedic diseases
- Interviews with individuals in the orthopaedic field
- Scientific remakes of popular songs and trends
- TikTok-specific trends
- Or other ideas...

For more inspiration, check out last year's [most liked](#) and [most viewed](#) videos. Get your lab together and start filming! There are no limits on the number of videos submitted per ORS member. Videos must be submitted in portrait mode and should not offer medical advice or violate the ORS [code of conduct](#). Be sure to follow us on TikTok @orssociety. Happy filming!

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## Thank You Members for Sharing Your Voice

ORS staff thanks the many hundreds of ORS members who recently shared their views by voting on the proposed changes to ORS membership bylaws, and by completing the survey on the 2024 ORS Annual Meeting expectations and preferences. We know you are all very busy and it can be hard to carve out time to participate, but we value your opinions and want to make sure ORS strives to best meet your needs. Thank you for taking the time to make sure your voice is heard.

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## Mark Your Calendar!

### [Conversations with Kurt](#)

May 30, 2023

10:00 am Eastern

*LearnORS Presents a Virtual Scientific Session:*

### [Biology of the Meniscus: The Recent Advances](#)

May 31, 2023

12:00 pm – 1:00 pm Central

*50th International Musculoskeletal Biology Workshop*

### [Deadline to Submit Abstracts for Posters](#)

June 2, 2023

### [The FDA's Virtual Regulatory Education for Industry \(REdI\) Annual Conference](#)

June 5-9, 2023

*50th International Musculoskeletal Biology Workshop*

[Deadline for Hotel Reservations](#)

June 19, 2023

*ORS 2024 Annual Meeting*

[Abstract Submissions, Awards, and Grants Open from June 19 - August 28](#)

[50th International Musculoskeletal Biology Workshop](#)

July 22 - 26, 2023 Zermatt Utah Resort & Spa

Midway, Utah

[2023 Clinician Scholar Career Development Program \(CSCDP\)](#)

September 21 - 23, 2023

Rosemont, Illinois

*The Association of Bone and Joint Surgeons*

[Nominations Due for the Nicolas Andry Lifetime Achievement Award](#)

September 30, 2023

[ORS 2024 Annual Meeting](#)

February 2 - 6, 2024

Long Beach, California

Information and Registration Coming this Summer

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[Dates, Events, and People in Orthopaedic History](#)

We would like to continue to note important people, dates, and accomplishments in the history of orthopaedics in *ORS Connect*. If you have something or someone that should be recognized, particularly around days, weeks, or months of a specific dedication, **please [click here](#) to submit your information.**

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**Orthopaedic Research Society**

9400 W. Higgins Road, Ste. 225

Rosemont, Illinois 60018

(847) 823-5770

ors@ors.org

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