

Last Call to View 2023 ORS Annual Meeting Recorded Sessions



There are only two weeks left to view recorded sessions from the 2023 ORS Annual Meeting. If you were registered for the event, you still have access to all recorded presentations until April 14. Just log on to [the virtual platform](#) using the credentials you originally received via email. If you do not remember your password, please email orsprograms@ors.org.

Recorded Presentations Include:

- Knee - Growth, Development, and ACL Injury
- Intervertebral Disc: Development, Injury, Disease, and Treatment
- Current Trends in the Treatment of Tendinopathies
- Temporal Implants in Orthopaedics: Current Concepts, Limitations, and Future Directions
- New Biomaterials and Technologies in Spine Surgery
- Challenges in Musculoskeletal Research and Education
- Biomaterials - Soft Tissue Regeneration
- Hip Modeling and Imaging Analysis
- Tumors - Genetics, Primary, and Metastatic
- Biology of Shoulder Injury and Regeneration
- Robotics and Technology in Arthroplasty
- And Many More...

We would like to thank our sponsors for their generous support of the 2023 ORS Annual Meeting:



Exceptional Women in Medicine Award Recipients



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Orthopaedic Surgery

Exceptional Women in Medicine Recipients 2023

Throughout Women's History Month in March, we featured many women and their achievements in orthopaedics. We round off our series by highlighting an award from Castle Connolly Top Doctors who recently recognized [Exceptional Women in Medicine](#). This important peer-nominated and physician-reviewed award was given to several ORS members.

Congratulations to These Award Winning ORS Members:

- Dr. Anna N. Miller
- Dr. Donna M. Pacicca
- Dr. April D. Armstrong
- Dr. Kristy L. Weber
- Dr. Cathleen Raggio
- Dr. Antonia F. Chen

- Dr. Susan Bukata

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](#).

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 **LearnORS Residency Bundle** is a bulk option for a residency program to purchase discount access to all LearnORS courses for as many residents as they have in their program. Individuals can also purchase the courses offered in the Residency Bundle, or create a custom bundle to fit their specific educational needs at a discounted price.

Benefits:

- Access to all LearnORS courses at a discounted price
- Allows flexibility to accommodate individual educational curricula and training objectives
- A variety of courses available, including: Art of Grant Writing; Enhanced Writing and Publication Skills; Orthopaedic Basic Science; Principles of Clinical Research; and more

[Learn More](#)

LearnORS is also about to launch its 2023 series of Virtual Scientific Sessions. Weekly sessions will resume April 5 and will be available through November 15.

Register today to join us for:
Novel Turkey Model for Musculoskeletal Research
Wednesday, April 5, 2023
12:00 pm – 1:00 pm Central Time

Chunfeng Zhao, MD, Director, Mayo Biomechanics Core Facility, will discuss a novel turkey model for musculoskeletal research. The turkey, as a bipedal animal, will be introduced for consideration for use in several areas of research including flexor tendon injury, compartment syndrome, rotator cuff tear, digit/limb transplantation, and spine related research.

Organized by the ORS Preclinical Models Section

[Register Today](#)

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

You are Invited to the ORS Annual Membership Business Meeting



Please join us for the annual **ORS Membership Business Meeting** on April 17 at 7:00 am Central Time to hear about the financial performance of the ORS over the last year. You will gather virtually with fellow members to learn about, and vote on, the latest changes to ORS bylaws. Register at the link below. After registering, you will receive a confirmation email containing information about joining the webinar.

[Register Today](#)

Call for Session Ideas for the 2024 Annual Meeting



The call is now open seeking ideas for *Symposia*, *Back to Basics*, and *Bench to Bedside*

sessions for the 2024 Annual Meeting, February 2 - 6 in Long Beach, California.

ORS Symposia advance translational musculoskeletal science by connecting scientists within and across various disciplines. Panels of experts representing basic, translational, clinical, and regulatory perspectives will engage the audience in a dialogue about a hot topic, and/or emerging, forward-thinking paradigm in orthopaedic science.

Back to the Basics Sessions bring foundational knowledge and historical perspective to participants, highlighting important discoveries made 30+ years ago and how they have influenced the field.

Bench to Bedside Sessions bring together clinicians, scientists, and clinical trial experts to discuss innovations and advances.

Please submit your session ideas by Monday, April 24.

[Submit Session Ideas](#)

Call for ORS 2024 Annual Meeting Workshops



The ORS Scientific Program Committee is seeking workshop applications for the ORS 2024 Annual Meeting in a wide variety of topics which represent basic, translational, and clinical research, as well as innovative technologies.

Workshop categories for these 90-minute sessions include the following:

- Scientific Workshop – cutting-edge musculoskeletal research (i.e. the role of the immune system in tendon disease).
- Science and Technology Workshop – in collaboration with an industry partner (i.e. additively manufactured implants - cool parts, but how far have we advanced on material safety and characterization?).

- Crosstalk Workshop – highlighting interactions between clinical and basic approaches to musculoskeletal problems (i.e. leveraging multidisciplinary expertise to identify patients at risk for OA after meniscal surgery).

The goals of the workshops are:

1. To educate our attendees about exciting research and novel skills.
2. To promote collaborative approaches that address orthopaedic/musculoskeletal diseases and treatment challenges.

Workshops focusing on aging, multi-organ/tissue crosstalk, artificial intelligence/big data, tissue regenerative medicine, stem cell biology, and translational research are encouraged.

The deadline for submission is Monday, April 24.

For more information and details please see the workshop application. Decisions will be announced in May after a completion of external review and final selection by the ORS Scientific Program Committee.

[Apply for the Workshops Today](#)

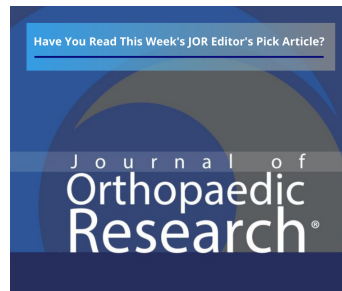
Register Today for the 50th International Musculoskeletal Biology Workshop



The 50th International Musculoskeletal Biology 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 Musculoskeletal Biology 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.

You are invited to [submit an abstract](#) for the event. **Deadlines are Friday, April 14** for *Awards Abstract* submissions, *Podium Abstract* submissions, and *Blue Ribbon Poster Presentation Abstract* submissions. The *Poster Only Abstract* submission deadline is Friday, June 2.

JOR Editor's Pick



The Journal of Orthopaedic Research® (JOR) is an official journal of the ORS. The following article is the JOR Editor's Pick from the April 2022 issue.

Animal Models of Impaired Long Bone Healing and Tissue Engineering- and Cell-Based in Vivo Interventions

Bone healing after injury typically follows a systematic process and occurs spontaneously under appropriate physiological conditions. However, impaired long bone healing is still quite common and may require surgical intervention. This review provides an overview of clinical bone healing impairments and current animal models available to study the defects in vivo.

Volume 40, Issue 4, April 2022, Pages 767-778
Katherine R. Hixon, Anna N. Miller

[Read the Article](#)

Mark Your Calendar!

[Novel Turkey Model for Musculoskeletal Research](#)

Virtual Scientific Session Presented by LearnORS

April 5, 2023

12:00 pm - 1:00 pm Central Time

50th International Musculoskeletal Biology Workshop

[Deadline to Submit Abstracts for Awards, Podium, and Blue Ribbon Poster Presentations](#)

April 14, 2023

[ORS Membership Business Meeting](#)

April 17, 2023

7:00 am Central Time

Virtual Meeting

ORS 2024 Annual Meeting

[Deadline to Submit Ideas for Symposia, Back to Basics, and Bench to Bedside Sessions](#)

[Deadline to Submit Workshop Applications](#)

April 24, 2023

50th International Musculoskeletal Biology Workshop

Deadline to Submit Abstracts for Posters

June 2, 2023

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

ORS 2024 Annual Meeting

February 2 - 6, 2024

Long Beach, California

Information and Registration Coming this Summer



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