Registration Prices Increasing and Hotel Reservations Closing this Week for the Tendon Conference 2024

Registration prices will go up this Wednesday, May 8 for the ORS Tendon Conference 2024: Mechanism to Therapy - Emerging Technologies and Therapeutic Outcomes. Hotel reservations will need to be made by this Thursday, May 9. This conference will help identify areas of unmet need, improve rigor and reproducibility of research, and share these findings to improve human health. The primary topic areas for the conference are: 1) clinical unmet needs and clinical research to guide future clinical and basic/translational research; 2) assessments of pain as a diagnostic, understanding the mechanistic basis of pain systemically and locally and targeting pain with preventatives and therapeutic strategies; 3) develop consensus and guidelines on multiomics in tendon research; and 4) current research including, and beyond, the identified priority areas. The conference will take place Thursday, May 30 - Saturday, June 1 at the Mayo Clinic in Rochester, MN. (Please note that the event extends into Saturday evening for the Awards Banquet - be sure to book your hotel stay accordingly).

Registration Prices Will Increase this Wednesday, May 8.

Hotel Reservations Must be Made by this Thursday, May 9.
Upcoming Webinars

Incorporating Undergraduates in Your Research Program
Wednesday, May 15
12:00 PM Central

Undergraduate research experiences increase the likelihood of pursuing graduate school and research career. Further, these research experiences decrease attrition for underrepresented groups. However, there are important considerations for including undergraduates in research, including potentially shorter timelines for performing research, and unique considerations for mentoring and training. The purpose of this webinar is to discuss challenges and solutions for maximizing the benefit of undergraduate research experiences for the student and mentors. In this session, speakers with substantial experience and training in mentoring undergraduates will share their knowledge and perspectives about mentoring undergraduates in research.

Microaggressions and Unconscious Bias: Improving Your Relationships and Impact
Wednesday, May 22
12:00 PM Central

Harnessing Biomechanics for Meniscus Replacement Solutions
Wednesday, May 29
12:00 PM Central
Fracture Repair Abstracts Due May 20 for the ISFR/BSFF Joint Meeting

The ORS International Section of Fracture Repair (ISFR) and the Orthopaedic Trauma Association (OTA) Basic Science Focus Forum (BSFF) will collaborate for a joint session that will take place October 21-23, just prior to the OTA Annual Meeting, October 23-26 in Montréal, Canada. The call for abstracts is now open and all submissions must be received by May 20.

The ISFR event is intended to foster growth and innovation in the field of fracture repair, bone regeneration, and orthopaedic trauma. This cross-disciplinary meeting aims to bring together scientists, clinicians, engineers, and trainees with the goal of presenting pre-publication work and exchanging ideas that will drive advancement in the field.

The OTA is an international organization of orthopaedic surgeons and medical professionals dedicated to the care and treatment of patients with injuries to the musculoskeletal system, especially fractures and dislocations.

Registration for the event will open June 3.

Abstracts Must be Submitted by May 20.
Opportunities for Awards and Grants

Applications are now being accepted for the following awards:

The Stryker/ORS Women’s Research Fellowship promotes women in science by providing an opportunity to a female ORS member who is a recent PhD in science or engineering to conduct research in the field of orthopaedic technology.

The ORS International Section of Fracture Repair (ISFR) Interdisciplinary Academic Exchange Award Grant will fund a member’s visit to a research lab to collaborate and exchange knowledge in the areas of fracture repair and/or bone regeneration research, and it will facilitate the exchange of new research methodologies and techniques.

The ORS International Section of Fracture Repair (ISFR) Lifetime Achievement Award honors highly accomplished individuals who have, throughout their career, demonstrated and promoted the highest values of the ORS ISFR (collaboration, diversity, mentorship, innovation, scientific excellence) in their leadership, service, education, and professional relationships. This prestigious award honors an investigator who has established themselves as a cutting-edge researcher and/or clinician scientist in the areas of fracture repair, bone regeneration, bone biology, or trauma.

Journal of Orthopaedic Research (JOR) Update
The *Journal of Orthopaedic Research* (JOR) has a new Editor-in-Chief, Edward M. Schwarz, PhD. The Journal has recently announced its new lineup of Associate Editors, including: Adetola B. Adesida, PhD; Hani M. Awad, PhD; Paul E. Beaulé, MD, FRCSC; Jeffrey E. Bischoff, PhD; Aimee Colbath, VMD, DACVS-LA; Clark T. Hung, PhD; J. Patrick O'Connor, PhD; Robin Queen, PhD; and Linda J. Sandell, PhD. This group will be assisted by a very strong Editorial Review Board that will keep the Journal operating at the top of its field. We thank everyone for their commitment to continuing to provide such important orthopaedic research.

**Editor's Pick**

**The Effect of Tenotomy, Neurotomy, and Dual Injury on Mouse Rotator Cuff Muscles: Consequences for the Mouse as a Preclinical Model**

A common animal model of muscle pathology following rotator cuff tear (RCT) is a tenotomy of the supraspinatus and infraspinatus, often combined with neurotomy of the suprascapular nerve, which induces a more robust atrophy response than tenotomy alone. However, the utility of this model depends on its similarity to human muscle pathology post-RCT, both in terms of the disease phenotype and mechanisms of muscle atrophy and fatty infiltration. Given the clinical prevalence of nerve injury is low and the muscular response to denervation is distinct from mechanical unloading in other models, an understanding of the biological influence of the nerve injury is critical for interpreting data from this RCT model. We evaluated the individual and combined effect of tenotomy and neurotomy across multiple biological scales, in a robust time-series in the mouse supraspinatus. Muscle composition, histological, and gene expression data related to muscle atrophy, degeneration–regeneration, fatty infiltration, and fibrosis were evaluated.
Meet ORS Member, Ambika G. Bajpayee, PhD. Dr. Bajpayee is an Associate Professor and the Principal Investigator of the Molecular Bioelectrostatics and Drug Delivery Laboratory at Northeastern University in Boston, MA. Her research works at the intersection of biomaterials design, nanomedicine and translational research, targeting the body’s own electrostatic fields. On giving advice to new investigators, Dr. Bajpayee states "Try bold ideas. Hire the best available talent. Make progress and the grants and funding will come".

ISFR 3-Minute Research Pitch Competition

The ORS International Section of Fracture Repair (ISFR) will host its 2024 3-Minute Research Pitch Competition on Wednesday, June 26, 2024 from 12:00 pm - 1:30 pm Central via Zoom. The call for graphical abstracts is open now, and submissions will need to be received by June 5. Those who are selected to participate will have three minutes to present their work using one slide about what they are working on and why it is important to the field of research of bone biology, bone regeneration, fracture repair, trauma, or related fields. The winner will be featured by the ISFR Communication Committee and will win up to $500 in prizes.

Abstracts Must be Submitted by June 5.

Advance Your Career with Online, On-Demand Education from LearnORS
LearnORS is the online education platform from the ORS and it offers a variety of courses to help with career development training for individuals and for those in residencies. Courses are available separately or in a bundle, with discounts available to ORS members.

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- The Art of Grant Writing
- Principles of Clinical Research
- New Investigator Toolkit
- Orthopaedic Basic Science Course

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Order Your ORS 70th Anniversary T-Shirt
Get your own special, limited edition, commemorative ORS - 70 Years Advancing Research to Keep the World Moving T-Shirt. This is a great way to share your support for the organization and your enthusiasm for musculoskeletal research. Order them for your team and let the world see how fashionable orthopaedic research can be! Just click the link below, and with a $20 donation to ORS and shipping, we will send you a shirt.

Order T-Shirts

Connect with ORS on Social Media

Stay updated on your Global Orthopaedic Research Community

Keep up with the latest on the ORS and the orthopaedic community by connecting with us on social media. The ORS posts regularly on Facebook, Instagram, Twitter (X), LinkedIn, and TikTok. Please follow us, share our posts with your connections, invite others, and tag us when you have good information to share. Together we can help spread the word far and wide about the importance of orthopaedic research.

Follow Journal of Orthopaedic Research on Twitter (X) and LinkedIn, and Journal of Orthopaedic Research - Spine on Twitter (X) and LinkedIn.

Find Your Next Opportunity at the ORS Career Center
Check out the ORS Career Center to post jobs, post a resume, create a profile, find jobs, apply, or sign up for job alerts. The Career Center offers: Career Coaching, Resume Writing, Reference Testing, and a Career Learning Center. Check out this important resource today.

Find or Post Events on the Orthopaedic Events Calendar

The Orthopaedic Events Calendar on the ORS website lists events that 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. This is an excellent opportunity to spread the word about your orthopaedic-related events, ensuring they reach a wider and engaged audience.
Mark Your Calendar!

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June 5, 2024

Webinar: Pain 101: Comprehensive Approaches to Musculoskeletal Pain Assessment and Animal Welfare Monitoring in Preclinical Research
June 5, 2024, 12:00 PM Central

2024 Clinician Scholar Career Development Program
October 3 - 5, 2024
Rosemont, IL

ORS ISFR/OTA BSFF Joint Meeting
October 21 - 23, 2024
Montréal, Canada

2024 Philadelphia Spine Research Symposium
November 10 - 14, 2024
Skytop, PA
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.