One Week Left in the Call for Late Breaking Abstracts

Be a part of history when ORS celebrates 70 Years of Advancing Research to Keep the World Moving at the 2024 ORS Annual Meeting, February 2-6 in Long Beach, CA. The meeting brings the orthopaedic community together for five days of workshops, learning sessions, networking, and advocacy. Attendees from many disciplines and career levels will network and learn about the latest innovations in orthopaedics. Registration for the 2024 Annual Meeting is open.

You still have an opportunity to share your valuable research with key players in the orthopaedic community. The call for late breaking abstract submissions is now open. These submissions allow for truly late-breaking scientific research for which no preliminary data were available at the time of the original abstract submission deadline. Submissions must be received by next Monday, November 13.

For those who submitted abstracts as part of the original call, please note that notifications about acceptance will go out on November 8.

Hotel reservations are now being accepted. Reserve your room today to make sure you secure the right room for you. Each option is located near the event site. The deadline for hotel reservations is Friday, January 19, 2024, and rooms are subject to availability.
Please Note: Some members have reported receiving spam emails from sources unrelated to our hotel block or related partners. Please disregard these emails and make sure to only book your hotel using our preferred partners at Passkey via the link below. If there is any doubt about the hotel information you are receiving, please contact us at ors@ors.org before booking.

Reserve Your Hotel

Award Spotlight

The following award submission will be due soon:

**ORS Meniscus Section Impact Award** (Deadline for submissions extended to December 1)
The Meniscus Section presents the inaugural "Impact Award" to honor an established meniscus researcher in the ORS who demonstrates impactful meniscus research and impactful collaborations, mentorship, and innovation. **CLICK HERE** for more information or to submit a nomination.

Learn About All Awards

Join Us for a Webinar: In Vitro 3D Models of Synovial Joints to Unravel Crosstalk Between Joint Tissues
The knee joint is a complex multi-tissue organ encompassing articular cartilage, menisci, ligaments, synovial membrane, and infrapatellar fat pad (IFP). The proper joint functions depend on maintaining joint homeostasis, necessitating a dynamic equilibrium within all the joint components. Thus, multi-tissue crosstalk is considered to play essential roles in synovial joints. This LearnORS Virtual Scientific Session will cover recent advances in the field of in vivo joint models, such as organ-on-a-chip, miniature bioreactors, and engineered multi-tissue platforms. We will discuss the feasibility and potential of the in vitro synovial joint models and the remaining challenges for their applications in drug development, mechanistic studies, and regenerative medicine.

**LearnORS Presents a Virtual Scientific Session:**

**In Vitro 3D Models of Synovial Joints to Unravel Crosstalk Between Joint Tissues**

*Wednesday, November 15, 2023*

*12:00 pm – 1:00 pm Central Time*

LearnORS can help residents prepare for the **Orthopaedic In-Training Examination (OITE) from the AAOS**. The Orthopaedic Basic Science course consists of critical explanations of the fundamental science behind the decisions, treatments, and procedures that are performed in practice every day. Understanding the science behind clinical decisions is important as we strive to improve patient care. Each lecture is taught by internationally renowned and respected experts.
ORS members, you can now renew your membership for 2024 so you can continue to take advantage of all the benefits that come from being a part of the ORS. By renewing, you'll stay connected with a dynamic network of orthopaedic professionals, gain access to cutting-edge research and industry insights, forge valuable connections through networking opportunities, enhance your personal and professional growth with tailored webinars, and unlock exclusive perks such as special discounts and offers available exclusively to ORS members. When renewing, please also consider joining an ORS Section. An ORS Section is a small, intimate community of like-minded peers that promote the common interest of ORS members in a specific area of research related to orthopaedics.

Renew Your ORS Membership Today

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.

Visit the ORS Career Center

More Than $200,000 in Grant Funding From OREF

More than $200,000 in new grant funding opportunities will open through the Orthopaedic Research and Education Foundation (OREF) this week. Requests for Applications (RFA) will open November 9. Subscribe to their email list to get the latest on grant opportunities and more.

Sign Up for the ORS Turkey Trot Virtual 5K Race to Research
This month, the ORS will host the inaugural ORS Turkey Trot Virtual 5K Race to Research. Participants from any location are encouraged to do a 5K walk or run to raise money for orthopaedic research. Gather with your family, friends, lab, or other team members to join this fun event to help improve the quality of life for those with musculoskeletal disorders. Your Race to Research should take place between November 19 - 26, 2023. Prizes and bragging rights will go to the successful individual and team that complete the race in the best time.

Basic Science Tips

In 2022, the ORS lost a giant, Dr. Fred Nelson. Fred was a member of the ORS for almost 50 years. Through his clinical perspective, Fred’s myriad contributions to the society have advanced both basic and translational research. He was a longstanding member of the Scientific Communications Committee, and he pioneered the Basic Science Tips series.

The ORS Scientific Communications Committee continues Basic Science Tips in hopes of honoring the legacy of Fred. Currently, ORS Basic Science Tips are written by ORS Scientific Communications Committee members Mia Huang and Hugo Giambini, PhD. Translations are available in Chinese, German, and Italian. Thank you to the following members who provided translations: Baixing Chen, Franziska Breulmann, Luca Ambrosio, and Elena Della Bella.

**Dexamethasone Induces Upregulation of Pro-Inflammatory Cytokines in an Osteogenesis Model**

Osteogenesis is often recapitulated in vitro by inducing differentiation of human bone marrow mesenchymal stromal cells (hBMSCs). However, the use of the synthetic glucocorticoid (GC) dexamethasone to induce cell differentiation might confound the results, as it also promotes an adipocytic off-target differentiation, driven by the higher expression levels of *PPARG*. Dexamethasone is a commonly used anti-inflammatory drug that acts via binding to the GC receptor (GR). GR, when activated by dexamethasone, can control the expression of target genes either by transactivation or transrepression. This study aimed to illustrate the effect of dexamethasone on osteogenic differentiation at a whole transcriptomic level, with a particular focus on other off-target genes and pathways.

A New Opportunity from ASBMR
THRIVE by the American Society for Bone and Mineral Research (ASBMR) will deliver individualized mentorship and high-quality professional development to early-career scientists and clinicians who identify as underrepresented in biomedical and behavioral science, and who have research interests in fields related to the mission of the ASBMR. THRIVE will also educate the broader membership of ASBMR on topics in diversity, equity, and inclusion to foster more accepting and supportive work environments by reducing cultural biases within the workplace. The deadline to apply is Wednesday, November 15, 2023.

Learn More and Apply Now

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 or Post Events on the Orthopaedic Events Calendar

An 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. 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!

**ORS 2024 Annual Meeting**

*Call for Late Breaking Abstracts*

Now - November 13, 2023

**ORS 2024 Annual Meeting**

*Acceptance Letters Sent to Original Call for Abstract Submissions*

November 8, 2023

*LearnORS Presents a Virtual Scientific Session:*

*In Vitro 3D Models of Synovial Joints to Unravel Crosstalk Between Joint Tissues*

November 15, 2023

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**ORS Turkey Trot Virtual Race to Research**

November 19 - 26, 2023

**ORS 2024 Annual Meeting**

February 2 - 6, 2024

Long Beach, California
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.