

### ORS Spine Research Section Scientific Meeting

*Clarifying crosstalk with the intervertebral disc to resolve clinical spine problems*

Saturday, February 5, 2022\*

12:15 PM – 3:00 PM

Tampa Convention Center, Rooms 15-17

#### Agenda

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12:15 PM – 12:30 PM

#### **Welcome and Introduction**

ORS Spine Research Section Officers

12:30 PM – 12:45 PM

#### **Poster Pitch Session**

*Featuring invited ORS Spine Section Student and Post-Graduate Trainee members*

*Moderators:* **David J. Nuckley, PhD**, Stryker Spine

**Rebecca Wachs, PhD**, University of Nebraska

*ORS Spine Research Section 2021 Travel Fellowship Recipient Highlights*

**Neharika Bhadouria**, Purdue University-West Lafayette/IUPUI

*Poster #938: Comparison Of Metabolic Responses Of Cervical And Lumbar Intervertebral Discs Recovered From Human Tissue Donor Spines*

**Jacob Kramer, BS**, University of Missouri Columbia

*Poster #959: A Mechano-Responsive Annular Repair Device For Biologics Delivery In The Goat Cervical Spine*

**Ana Peredo, BS**, University of Pennsylvania

*Poster #945: Single-Cell RNA-Sequencing Atlas Of Bovine Caudal Intervertebral Discs Reveals Heterogeneous Cell Populations*

**Christopher Panebianco, BEng**, Icahn School of Medicine at Mount Sinai

*Poster #1108: Tgfb Signaling Is Required For Sclerotome Resegmentation During Development Of The Spinal Column In Gallus Gallus*

**Sade Clayton, PhD**, Washington University at St. Louis

*Poster #1831: Actomyosin Contractility Protects Elastic And Viscoelastic Material Properties Of The Nucleus Pulpous Against Inflammatory Stimulation*

**Hagar Kenawy, BME**, Columbia University

12:45 PM – 1:45 PM

#### **Clarifying crosstalk with the intervertebral disc to resolve clinical spine problems**

*Moderators:* **Dawn Elliott, PhD**, University of Delaware

**Nilsson Holguin, PhD**, Indiana University-Purdue University Indianapolis

*\*The meeting is for ORS Spine Research Section members only with a boxed lunch provided. Non-Section members and non-members will be able to sign up for ORS and/or Section membership at the door. However, admittance to the meeting will be based on availability (capacity of the room).*

*The Facet Joint: Innocent Bystander or Active Participant*  
Raj Rampersaud, MD, University of Toronto

*Paraspinal muscle health and movement patterns among chronic low back pain patients with disc pathology*

**Jeannie Bailey, PhD**, UCSF

*Disc-bone marrow cross-talks in Modic changes*

**Stefan Dudli, PhD**, University of Zurich

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|--------------------------|--------------------------------------|
| <b>1:45 PM – 2:15 PM</b> | <b>Round Table Discussion</b>        |
| <b>2:15 PM – 2:45 PM</b> | <b>Panel and Audience Discussion</b> |
| <b>2:45 PM – 3:00 PM</b> | <b>Voting/Meeting Wrap Up</b>        |

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*Please use the area below for meeting notes.*

***Names in bold are ORS Spine Research Section members.***

***Interested in learning more about the ORS Spine Research Section?  
Stop by the ORS Lounge in the poster/exhibit hall or visit <https://www.ors.org/spine-section>.***