## ORS Tendon Research Section Scientific Meeting

**Sunday, February 6, 2022**

12:15 PM – 1:50 PM*  **ORS Tendon Research Section Members Only**  
2:00 PM – 3:00 PM  **Open to all Meeting Attendees  (based on room capacity)**  

Tampa Convention Center, Rooms 20-21

### Agenda

<table>
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<th>Time</th>
<th>Session Description</th>
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| 12:15 PM – 12:20 PM | Welcome and Introduction  
Nathaniel Dyment, PhD, University of Pennsylvania  
Alayna Loiselle, PhD, University of Rochester Medical Center |
| 12:20 PM – 12:50 PM | **ORS Tendon Research Section Scientific Meeting Plenary Speaker**  
Rebekah Decker, MS, PhD, Novartis Institutes for Biomedical Research |
| 12:50 PM – 1:40 PM | **Round Table Networking Session**  
Table Topics:  
- Handling career transitions  
- Establishing and maintaining lab culture  
- Skills for industry  
- Setting research priorities  
- Managing up: establishing strong communication between mentor & mentee |

*The 12:15 PM – 1:50 PM portion of the meeting is for ORS Tendon 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).

Interested to learn more about the ORS Tendon Research Section? Stop by ORS Lounge in the poster/exhibit hall or visit [https://www.ors.org/tendon-section](https://www.ors.org/tendon-section).
1:40 PM -1:50 PM  
**Annual State of the ORS Tendon Research Section**  
Kathe Derwin, PhD, Cleveland Clinic, ORS Tendon Research Section Chair

1:50 PM – 2:00 PM  
**Meeting Break**

2:00 PM - 3:00 PM  
**ORS Tendon Research Section 3-Minute Elevator Pitch Competition**  
Selected Research Section student and post-graduate trainee members will give a short presentation (think “elevator pitch” or short TED talk) to pitch an innovative idea and/or compelling concept related to your past, present, or future research. This competition is designed for participants to communicate your science effectively and sell their ideas to the audience!

*Moderators:*

Nathaniel Dyment, PhD, University of Pennsylvania  
Alayna Loiselle, PhD, University of Rochester Medical Center

**PAI-1 is critical for TGF-β1-induced mTOR signaling and myofibroblast activation in murine tenocytes**  
Rahul Alenchery, University of Rochester

**Phenotypic Profiling And Spatial Localization Of Resident Tendon Macrophages**  
Catherine Bautista, ScM, University of Pennsylvania

**Tendon and ligament microstructure leads to strain-dependent variations in macroscale material anisotropy**  
Jonathon Blank, MS, BSE, University of Wisconsin-Madison

**How do Muscle Forces during everyday Life impact Tendon Strain? Quantifying Tendon Strain and Muscle Forces continuously during Dynamic Movements in-vivo**  
Fransiska Bossuyt, PhD, University of Calgary

**Mechanically Competent Chitosan-Based Bioadhesive for Tendon-to-Bone Repair**  
Fei Fang, PhD, Columbia University Medical Center

**Grasping Python-Tooth-Inspired Device for Enhanced Rotator Cuff Repair**  
Iden Kurtaliaj, MS, Columbia University

**Harnessing Nature for Tendon Regenerative Medicine: Biological Insight Using the MRL/Mpj Mouse Model to Engineer Protein-Based Therapeutics**  
Jason Marvin, BS, MS, Cornell University

**Il-6 signaling mediates progenitor-induced tendon core breakdown and is inhibited by extrinsic macrophages**  
Tino Stauber, Balgrist University Hospital and ETH Zurich