

LEOPOLDINA - SYMPOSIUM

# Skeletal Interfaces in Health & Disease

Salzburg, Austria, October 9 -11, 2025



## Endorsing Entities

**Leopoldina** is a direct support of this symposium: <https://www.leopoldina.org/en/leopoldina-home/>

### Further we are grateful to the following endorsing societies and bodies:

Advanced Personalized Therapies for Osteoarthritis (PROTO- Horizon 2020):

<https://proto-horizon.eu/>

Anatomische Gesellschaft (AG):

<https://anatomische-gesellschaft.de/en/>

Deutsche Gesellschaft für Biomechanik (DGfB):

<https://bio-mechanik.org/wordpress/en/>

Deutsche Gesellschaft für Osteologie (DGO):

<http://www.dgosteo.de/>

European Network on Osteoarthritis – NetwOArk

<https://netwoark.eu/>

European Orthopedic Research Society (EORS)

<https://www.eors.info/>

Gesellschaft Anatomie Österreichisch (GANÖ)

<https://www.anatomy-austria.at/>

International Society of Osteoarthritis Imaging (ISOAI) <https://www.isoai.org/>

Ludwig Boltzmann Institute for Arthritis and Rehabilitation (LBIAR) <https://ar.lbg.ac.at/>

Österreichische Gesellschaft für Rheumatologie (ÖGR) <https://rheumatologie.at/>

Osteoarthritis Research Society International (OARSI) <https://oarsi.org/>

## Early Bird Sponsors

Also, we would like to thank our “early bird” sponsors for their important contribution:

Boston Imaging Core Lab (BICL) <https://www.bicl.org/>



Formation Bio <https://www.formation.bio/>



Nordik Bioscience Clinical Development (NBCD)



<https://www.nbcd.com/>

TRB Chemedica

<https://www.trbchemedica.de/>



# Program

**Thursday, October 9, 2025**

## **Young Investigator Session (BA - MA - PhD) / 8:30-12:00**

*Open Topics on Musculoskeletal Tissues & Disease*

Chair: Lisa Sperl (Lecture Room 1, Julian Frick & Multifunction Room, House A)

**Poster-Pitches I: 8:30 – 9:15 // Poster Session I: 9:15 – 10:00**

- Coffee: 10:00 – 10:30 -

**Poster-Pitches II: 10:30 – 11:15 // Poster Session II: 11:15 – 12:00**



**PARACELSUS**  
**MEDIZINISCHE**  
**UNIVERSITÄT**

### **Welcome: 13:30-14:00**

(Lecture Room EVER Pharma, House D, Ground Floor)

**President PMU:** Wolfgang Sperl

**Vice-President Research PMU:** Barbara Kofler

**Representatives:** Endorsing Societies

**Local Host:** Felix Eckstein

### **Symposium Session 1 (Skeletal Interfaces): 14:00-16:30**

Chair: Martin Englund (Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

*Developmental interfaces of the skeleton*

**Malcolm Logan**

**London, GB**

*Interfaces with the past: Insights from the skeleton about past human societies*

**Katerina Harvati**

**Tübingen, GER**

*Structure - Function - Outcome interfaces in the patient with skeletal disease*

**Tanja Stamm**

**Vienna, AT**

*Research - Industry - Regulatory interfaces in drug development of skeletal disease*

**Chris Ladel**

**Darmstadt, GER**

*Artificial / Natural Intelligence (AI/NI) interfaces in skeletal (imaging) research*

**Akshay Chaudhari**

**Stanford, USA**

**Public Evening Lecture: 17:15-18:00** *(in German Language)*

Chair Friedrich Paulsen (Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

*How bones learn to listen: Vibration therapy of osteoporosis - mechanics of the bony interfaces*

**Ralph Müller**

**Zurich, CH**

- Aperitivo (18:30) & Welcome Evening (19:30) Onsite



**Friday, October 10, 2025**

**Symposium Session 2 (Cartilage Interfaces): 8:30-10:00**

Chair Felix Eckstein (Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

*Cartilage tissue interfaces*

**Gundula Schulze-Tanzil**

**Nuremberg, GER**

*Cartilage - Cartilage interfaces*

**Gerard Ateshian**

**New York, USA**

*Cartilage - Meniscus interfaces*

**Martin Englund**

**Lund, SWE**

### **Symposium Session 3: (Bone Interfaces): 10:30-12:30**

Chair: Reinhard Putz (Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

<i>Bone - Cartilage interfaces - Molecular</i>	<b>Tonia Vincent</b>	<b>Oxford, GB</b>
<i>Bone - Cartilage interfaces - Imaging</i>	<b>Frank Roemer</b>	<b>Erlangen, GER</b>
<i>Bone - Cartilage interfaces - Translational</i>	<b>Henning Madry</b>	<b>Saarbrücken, GER</b>
<i>Bone – Immune system interface</i>	<b>Sven Geissler</b>	<b>Berlin, GER</b>

### **Symposium Session 4 (Tendon, Synovial & Epiphyseal Interfaces): 13:45-15:45**

Chair: Tobias Winkler (Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

<i>Tendon tissue interfaces</i>	<b>Andreas Traweger</b>	<b>Salzburg, AT</b>
<i>Tendon – Bone interfaces (enthesis)</i>	<b>Rainer Burgkart</b>	<b>Munich, GER</b>
<i>Synovial tissue interfaces</i>	<b>Peter Mandl</b>	<b>Vienna, AT</b>
<i>Epiphyseal interfaces</i>	<b>Andy Pitsillides</b>	<b>London, GB</b>

### **Podium Discussion / Wrap Up: 16:00 – 17:00**

(Lecture Room EVER Pharma, House D, Ground Floor: D.0.005/A0)

Moderators: Reinhard Putz - Leopoldina & AG; Martin Englund – OARSI;  
Tanja Stamm – LBIAR, Tobias Winkler – PROTO; Felix Eckstein – Leopoldina & Local Host

- Speaker's and Sponsor Dinner (Aperitivo 18:30, Dinner 19:30) -

## **Saturday, October 11, 2025**



### **Post-Conference Tour**

**Predigtstuhl &  
Hochschlegel  
Bad Reichenhall:  
9:00 – 15:00**