



# SKELETAL INTERFACES IN HEALTH & DISEASE

October 9-11, 2025

Leopoldina Symposium in Cooperation with the  
Research Program for Musculoskeletal Imaging,  
Center for Anatomy & Cell Biology



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## Organizer

Research Program for Musculoskeletal Imaging,  
Center for Anatomy & Cell Biology, Paracelsus Medical University  
(Head: Univ. Prof. Dr. med. Felix Eckstein) <https://www.pmu.at>



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in cooperation with the  
German Academy of Science, Leopoldina  
<https://www.leopoldina.org/en/leopoldina-home/>

## Endorsing Entities

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

Advanced Personalized Therapies for OA (PROTO)  
<https://proto-horizon.eu/>



Alliance for Advanced Therapies in Orthopaedics (Atio)  
<https://atioalliance.org/>



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/>



Deutsche Gesellschaft für Rheumatologie und klinische Immunologie  
<https://dgrh.de/>



European Network on Osteoarthritis – NetwOArk  
<https://netwoark.eu/>



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## Endorsing Entities

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 & Rehabilitation (LBIAR)  
<https://ar.lbg.ac.at/>



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



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



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# PROGRAMM

THURSDAY, OCTOBER 9, 2025

## 08:30 - 12:00 Young Investigator Session / Submission Deadline August 20<sup>th</sup>, 2025

Open Topics on Musculoskeletal Tissues & Disease

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

8:30 – 9:15 Poster-Pitches I

9:15 – 10:00 Poster Session I

10:00 – 10:30 Coffee Break

10:30 – 11:15 Poster-Pitches II

11:15 – 12:00 Poster Session II

## 13:30 - 14:00 Welcome

(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**



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# PROGRAMM

THURSDAY, OCTOBER 9, 2025

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

Chair: Martin Englund (Lecture Room EVER Pharma, House D, Ground Floor)

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

**Matthias Schieker, Basel, CH**

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

**Akshay Chaudhari, Stanford, USA**

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

Chair Friedrich Paulsen (Lecture Room EVER Pharma, House D, Ground Floor)

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

**Ralph Müller, Zurich, CH**

## 18:15 Aperitivo & 19:00 Welcome Evening Onsite @ Trumerei



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# PROGRAMM

FRIDAY, OCTOBER 10, 2025

## 08:30 - 10:00 Symposium Session 2 (Cartilage Interfaces)

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

Cartilage - Cartilage interfaces

**Gerard Ateshian, New York, USA**

Cartilage tissue interfaces

**Gundula Schulze-Tanzil, Nuremberg, GER**

Cartilage - Meniscus interfaces

**Martin Englund, Lund, SWE**

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

Chair: Reinhard Putz (Lecture Room EVER Pharma, House D, Ground Floor)

Bone - Cartilage interfaces - Molecular

**Tonia Vincent Oxford, GB**

Bone - Cartilage interfaces - Imaging

**Frank Roemer Erlangen, GER**

Bone - Cartilage interfaces - Translational

**Henning Madry Saarbrücken, GER**

Bone – Immune system interface

**Sven Geissler Berlin, GER**



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# PROGRAMM

FRIDAY, OCTOBER 10, 2025

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

Chair: Tobias Winkler (Lecture Room EVER Pharma, House D, Ground Floor)

Tendon tissue interfaces

**Andreas Traweger, Salzburg, AT**

Tendon – Bone interfaces (enthesis)

**Rainer Burgkart Munich, GER**

Synovial tissue interfaces

**Peter Mandl, Vienna, AT**

Epiphyseal interfaces

**Andy Pitsillides, London, GB**

## 16:00 - 17:00 Podium Discussion / Wrap Up:

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

Moderators:

<b>Reinhard Putz</b>	Leopoldina & AG;
<b>Martin Englund</b>	OARSI
<b>Tanja Stamm</b>	LBIAR
<b>Tobias Winkler</b>	PROTO
<b>Felix Eckstein</b>	Leopoldina & Local Host

## 18:30 Aperitivo

## 19:30 Speaker's and Sponsor Dinner



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# PROGRAMM

SATURDAY, OCTOBER 11, 2025

## 09:00 – 15:00 Conference Tour

Predigtstuhl & Hochschlegel – Bad Reichenhall

*Registration for the conference tour (October 11) will be separate, and payment will have to be made onsite (cash only) at the beginning of the conference.*