

Housekeeping:

° **Contact:**

Registration is required.

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° **Scientific Program Committee**

Markus Huber-Lang,

Anita Ignatius

° **Meeting venue:**

Research Building

Multidimensional Trauma Sciences (MTW)

Helmholtzstraße 8/3

89081 Ulm, Germany

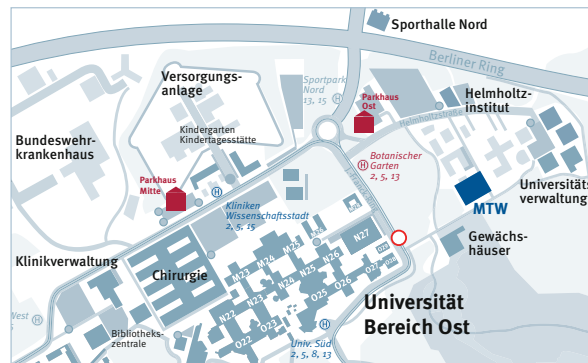
° **Public transport**

For environmental purposes a 3-day ticket for public transport in Ulm will be provided free of charge.

Please note, tickets need to be ordered in advance

(by email to sfb.1149@uniklinik-ulm.de). Pre-ordered

tickets will be provided at the registration desk.



Emerging from CRC1149:
Scientific Opening Symposium
of the New Research Building
Multidimensional Trauma Sciences

November 11, 2026

Dear Colleagues,

It is our great pleasure to welcome you to Ulm for the Scientific Opening Symposium of the **Multidimensional Trauma Sciences (MTW) Research Building**.

Today, we celebrate the opening of a research building that represents far more than a new home for trauma research. The MTW is the realization of a vision that has evolved over many years through the dedication and close collaboration of numerous scientists and clinicians. It builds upon the success of several interdisciplinary research initiatives in Ulm, including the Clinical Research Unit KFO200, the Trauma Research Centre Ulm and the Collaborative Research Centre CRC 1149, and reflects our shared commitment to advancing trauma research through cross-disciplinary collaboration.

Supported by the German Federal and State Governments through the highly competitive Research Buildings Programme, as well as by the Medical Faculty of Ulm University, the MTW provides a globally unique environment in which clinicians, life scientists, engineers, and data scientists work together side by side. By integrating expertise from molecules to society, throughout the lifespan, and at the interface of somatic and psychological trauma, the MTW aims to deepen our understanding of trauma and accelerate the development of innovative, patient-centred therapies and prevention strategies.

We would like to express our sincere gratitude to everyone whose vision, dedication, and hard work have made the MTW a reality. This achievement reflects the commitment of countless individuals who have helped create an exceptional environment for interdisciplinary trauma research.

This symposium marks the beginning of an exciting new era in trauma research at Ulm University. We are delighted to welcome internationally renowned speakers, long-standing collaborators, colleagues, and friends who have accompanied and supported this journey. We hope that today’s scientific presentations, inspiring discussions, and personal exchanges will spark new ideas, strengthen existing collaborations, and foster new scientific networks.

Thank you for celebrating this special occasion with us.
We wish you an inspiring symposium and a pleasant stay in Ulm.

With our best regards,

Markus Huber-Lang and Anita Ignatius
Founding Directors of the MTW

This symposium is by invitation only.

08:15	Registration
08:30	Welcome and introduction to the MTW <i>Markus Huber-Lang and Anita Ignatius (Ulm University)</i> <i>Michael Köhl (President of Ulm University)</i> <i>Thomas Wirth (Dean of the Medical Faculty of Ulm University)</i> <i>Frank Hildebrand (President of the DGOU)</i>
Session I	Digital innovation and translation
Chairs:	Klemens Horst (Münster, Germany) Hans Kestler (Ulm, Germany)
09:00	<i>Jan Baumbach (Hamburg, Germany)</i> Network medicine GPT – a network medicine foundation model for disease mechanism mining and drug repurposing
09:40	<i>John Lambris (Philadelphia, USA)</i> Bench-to-bedside translation – implications for trauma
10:20	<i>Marc Jeschke (Toronto, Canada)</i> Burn injury – challenges for the patient, scientist and clinician
11:00	Coffee break
Session II	Precision biology of tissue repair
Chairs:	Hagen Schmal (Freiburg, Germany) Zsuzsa Jenei-Lanzl (Ulm, Germany)
11:30	<i>Alexander Zarbock (Münster, Germany)</i> Acute kidney injury biomarkers – a path towards personalized medicine
12:10	<i>Céline Colnot (Paris, France)</i> Transcriptomic and chromatin profiling of skeletal stem and progenitor cells during bone healing
12:50	<i>Triantafyllos Chavakis (Dresden, Germany)</i> Inflammatory circuits in innate immune memory
13:30	Lunch and guided tours of the MTW

Session III**From multi-omics to regenerative therapies**

Chairs:	Henning Madry (Homburg/Saar, Germany) Alexander Kleger (Ulm, Germany)
14:40	<i>Timothy Billiar (Pittsburgh, USA)</i> Novel insights from multi-omics studies in human trauma
15:20	<i>Ernest Moore (Denver, USA)</i> Postinjury fibrinolysis: endotypes, phenotypes, and clinical implications
16:00	<i>Georg Duda (Berlin, Germany)</i> Advancing musculoskeletal regeneration: addressing unmet patient needs with innovative bioengineering technologies
16:40	Closing Remarks <i>Markus Huber-Lang (Ulm University), Anita Ignatius (Ulm University)</i>
16:45	Coffee break, departure

MTW Research Building at a glance

Total investment:	€ 85 million
Funding:	German Federal Government (50%), State of Baden-Württemberg (25%), and the Medical Faculty of Ulm University (25%) under Article 91b of the German Basic Law (Joint Federal-State Programme for Research Buildings)
Construction period:	2021 - 2027
Research space:	5,000 m²
Architects:	heinlewischer, Stuttgart
Project management:	Vermögen und Bau Baden-Württemberg, Amt Ulm