

# Welcome Note



Dear colleagues,

We are pleased to welcome you to the 7<sup>th</sup> Symposium Interface Biology of Implants in Rostock, which is traditionally held in the “Kurhaus Warnemünde” on the beautiful coast of the Baltic Sea.

This symposium will again bring together scientists from different disciplines to steer the innovations in the studies of cell behaviour and tissue development through biomaterials. This research requires collaboration between a wide range of disciplines including materials science, physics, chemistry and life sciences. Therefore, the background of the addressed audience is multidisciplinary. High-profile speakers will present their latest research on the generation of bioactive materials and the cellular responses.

In addition to material development and interaction, a further focus of the symposium is on „material-induced immunomodulation“, and „complex in vitro models for biomaterial testing“. Furthermore, in cooperation with the Collaborative Research Centre 1270 ELAINE, we are pleased to announce a satellite programme on „biophysical stimulation for tissue regeneration“.

The application of bioactive implants in different fields of medicine has considerably increased over recent years. However, with the growing number of implants it has also become obvious that there is a limiting factor to translate regenerative implants into the clinician understanding of the molecular interactions between living tissue and the implant material which is required.

We hope you will enjoy your time in Rostock/Warnemünde where we are sure that we will celebrate a meeting to remember.

Kirsten Peters & Rainer Bader

# Call for abstracts

Present your research and innovative developments to showcase your work and increase the knowledge of other scientists attending the symposium!  
We therefore kindly request your active support in the programme planning by submitting your scientific contributions to the following abstract topics:

- Biophysical Stimulation for Tissue Regeneration
- Innovative Biomaterials for Tissue Regeneration
- Cell-Biomaterial-Interaction
- Material-induced Immunomodulation
- Advanced Methods for Characterisation of Biomaterial-Tissue-Interface
- Complex in vitro Models for Biomaterial Testing

**Abstract deadline: 15<sup>th</sup> January 2024**

Abstracts should be submitted in English online at [www.ibi-symposium.org](http://www.ibi-symposium.org).  
All abstracts presented at the symposium will be published online in a citable form.  
**A poster award will be selected from all posters presented.**

## Invited keynote speakers

- Prof. Dr. Aldo R. Boccaccini (Erlangen/DE)
- Prof. Dr. Sarah H. Cartmell (Manchester/UK)
- Prof. Dr. Andres Garcia (Atlanta/USA)
- Prof. Dr. Thomas Hartung (Baltimore/USA)
- Dr. Bernhard Hesse (Berlin/DE)
- Prof. Dr. Román Perez Antoñanzas (Barcelona/ES)
- Prof. Dr. Stefan Rose-John (Kiel/DE)
- Prof. Dr. Viola Vogel (Zurich/CH)

## Main programme topics

### Wednesday, 5<sup>th</sup> June

- Biophysical Stimulation for Tissue Regeneration

### Thursday, 6<sup>th</sup> June

- Innovative Biomaterials for Tissue Regeneration
- Cell-Biomaterial-Interaction
- Material-induced Immunomodulation

### Friday, 7<sup>th</sup> June

- Advanced Methods for Characterisation of Biomaterial-Tissue-Interface
- Complex in vitro Models for Biomaterial Testing

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# General information

**Venue**  
Kurhaus Warnemünde  
Seestraße 18 | 18119 Rostock/DE

**Date**  
5–7 June 2024

**Website**  
[www.ibi-symposium.org](http://www.ibi-symposium.org)



**Conference chairs**  
**Prof. Dr. Rainer Bader**  
Biomechanics and Implant Technology Research Laboratory  
Department of Orthopedics  
Rostock University Medical Center

**PD Dr. Kirsten Peters**  
Department of Cell Biology  
Center for Medical Research (ZEMFO)  
Rostock University Medical Center

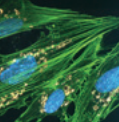
**Scientific committee**  
Dr. Revathi Appali (Rostock/DE)  
Prof. Dr. Rainer Bader (Rostock/DE)  
Dr. Olga Hahn (Rostock/DE)  
Dr. Paul Johan Høl (Bergen/NO)  
PD Dr. Anika Jonitz-Heincke (Rostock/DE)  
PD Dr. Kirsten Peters (Rostock/DE)  
Dr. Henrike Rebl (Rostock/DE)  
Dr. Susanne Stählike (Rostock/DE)  
Franziska Wendt, M.Sc. (Rostock/DE)

**Conference language**  
The conference language is English.

**Industrial exhibition**  
The symposium will be accompanied by a specialised industrial exhibition.  
Interested companies are requested to contact Conventus.

**Conference organisation**  
Conventus Congressmanagement & Marketing GmbH  
Carl-Pulfrich-Straße 1 | 07745 Jena, Germany  
[ibi-symposium@conventus.de](mailto:ibi-symposium@conventus.de) | [www.conventus.de](http://www.conventus.de)

# 7<sup>th</sup> International Symposium Interface Biology of Implants (IBI)

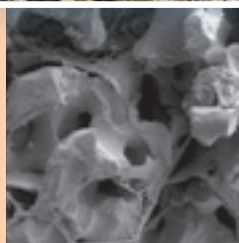
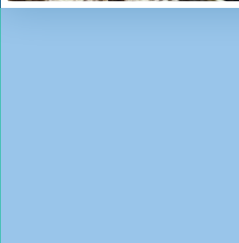
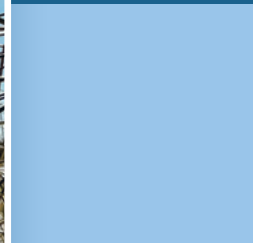
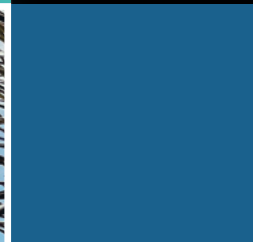
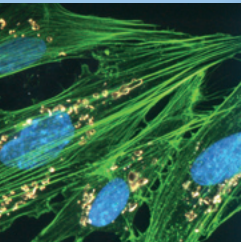
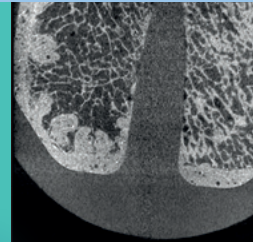


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