Welcome Note

Dear colleagues,

We are pleased to welcome you to the 7th 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 Centres 1270 Elaine, we are pleased to announce a satellite program 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 where we are sure that we will celebrate a meeting to remember.

Kirsten Peters & Rainer Bader

7 th International Symposium Interface Biology of Implants (IBI)





www.ibi-symposium.org







Save the date!

General information

Venue

Kurhaus Warnemünde Seestraße 18 | 18119 Rostock, Germany

Date

5–7 June 2024



Conference chairs

Prof. Dr. Rainer Bader Biomechanics and Implant Technology Research Laboratory Department of Orthopedics Rostock University Medical Center Doberaner Straße 142 | 18057 Rostock, Germany

PD Dr. Kirsten Peters

Department of Cell Biology Center for Medical Research (ZEMFO) Rostock University Medical Center Schillingallee 69 | 18057 Rostock, Germany

Scientific committee

Dr. Revathi Appali (Rostock, Germany) Prof. Dr. Rainer Bader (Rostock, Germany) Dr. Olga Hahn (Rostock, Germany) Dr. Paul Johan Høl (Bergen, Norway) PD Dr. Anika Jonitz-Heincke (Rostock, Germany) PD Dr. Kirsten Peters (Rostock, Germany) Dr. Henrike Rebl (Rostock, Germany) Dr. Nadine Rudolph (Rostock, Germany) Dr. Susanne Stählke (Rostock, Germany)

Topics

Wednesday, 5 June

Biophysical Stimulation for Tissue Regeneration

Thursday, 6 June

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

Friday, 7 June

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

Invited keynote speaker

Prof. Dr. Aldo R. Boccaccini (Erlangen, Germany) Prof. Dr. Sarah H. Cartmell (Manchester, United Kingdom) Prof. Dr. Andres Garcia (Atlanta, GA, USA) Prof. Dr. Thomas Hartung (Baltimore, MD, USA) Prof. Dr. Román Perez Antoñanzas (Barcelona, Spain) Prof. Dr. Viola Vogel (Zürich, Switzerland)

Abstract submission

The deadline for abstract submission is 15 January 2024. Accepted abstracts will be included as oral or poster presentations in the programme.

Industrial exhibition

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

Organisation & industrial exhibition

Conventus Congressmanagement & Marketing GmbH Carl-Pulfrich-Straße 1 | 07745 Jena, Germany Phone +49 3641 31 16 0 | Fax +49 3641 31 16 243 ibi-symposium@conventus.de | www.conventus.de