



UNIVERSITÄT ZU LÜBECK

MI-VascAD

Methods to Investigate the Vasculature
in Autoimmune Diseases

www.mi-vascad.uni-luebeck.de

Symposium

28.09.2026, 2:00 - 6:00 pm
Fraunhofer IMTE

Registration:
[www.mi-vascad.uni-luebeck.de/
events/symposium-2026/registration](http://www.mi-vascad.uni-luebeck.de/events/symposium-2026/registration)

Keynote Lecture
Prof. Carmen Ruiz de Almodóvar
(*Institute for Neurovascular Cell Biology, Bonn*)

Additional Talks by

Dr. Mandy Ahlborg (*Fraunhofer IMTE*)
Dr. Hanna Grasshoff (*Rheumatology*)
Prof. Gereon Hüttmann (*Biomedical Optics*)
Prof. Yoko Miura (*Ophthalmology*)
PD Dr. Helge Müller-Fielitz (*Pharmacology*)
Dr. Anja Stähle (*Rheumatology*)
PD Dr. Jan Wenzel (*Pharmacology*)

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Program

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Fraunhofer IMTE
Mönkhofer Weg 239A
23562 Lübeck

- 2:00 – 2:20 *Welcome and Introduction to MI-VascAD*
(Dr. Hanna Grasshoff/PD Dr. Jan Wenzel)
- 2:20 – 2:40 *Magnetic Particle Imaging as a Theranostic Platform*
(Dr. Mandy Ahlborg)
- 2:40 – 3:00 *Neurocognitive Impairment triggered by Autoantibodies:
Insights into mechanisms and diagnostics* (Dr. Hanna Grasshoff)
- 3:00 – 3:20 *New Technologies for Quantitative Imaging of Retinal Vessels*
(Prof. Gereon Hüttmann)
- 3:20 – 3:40 *Systemic Disease and Ocular Circulation* (Prof. Yoko Miura)
- 3:40 – 4:00 *Coffee Break*
- 4:00 – 4:20 *GPCRs at the Circumventricular Organs: An Overlooked Problem
in Graves' Disease?* (PD Dr. Helge Müller-Fielitz)
- 4:20 – 4:40 *Antibody-conjugated Magnetic Particles in Vascular Autoimmunity:
From Linker Chemistry to a Functional Tracer* (Dr. Anja Stähle)
- 4:40 – 5:00 *Endothelial Dysfunction and Cerebral Perfusion –
How Vascular GPCR signaling affects the Brain* (PD Dr. Jan Wenzel)
- 5:00 – 6:00 *Keynote Lecture: Selective Opening of the Blood-Spinal Cord Barrier
and Immune Activation upon Peripheral Injury*
(Prof. Carmen Ruiz de Almodóvar, Bonn)
- from 6:00 *Snacks and Drinks*

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