

Speakers / Sponsors

Speakers

Reza Akbarzadeh, Lübeck
Mirosław Banasik, Wrocław, Poland
Otavio Cabral Marques, São Paulo, Brazil
Matthias Endres, Berlin
Konstantinos Fournalakis, Lübeck
Hanna Graßhoff, Lübeck
Alexander Hackel, Lübeck
Aiden Haghikia, Magdeburg
Markus Hoffmann, Lübeck
Maj Jäpel, Lübeck
Sebastian Jendrek, Lübeck
Sebastian Klapa, Lübeck
Guido Moll, Berlin
Friedemann Paul, Berlin
Gabriela Riemekasten, Lübeck
Yehuda Shoenfeld, Tel Aviv, Israel
Carmen Scheibenbogen, Berlin
Susanne Schinke, Lübeck
Franziska Sotzny, Berlin
Dmitry Veprintsev, Nottingham, United Kingdom
Pinchao Wang, Berlin
Maïke Winziers, Lübeck
Xinhua Yu, Borstel

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Registration

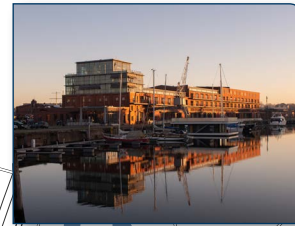
For further information
www.rabsymposium.de



<https://www.rabsymposium.de/registration.html>

Venue

Media Docks Lübeck
Willy-Brandt-Allee 31, (entrance B)
23554 Lübeck



Wissen schafft Gesundheit



UNIVERSITÄTSKLINIKUM
Schleswig-Holstein



Campus Lübeck

Dept. of Rheumatology
and Clinical Immunology



**5th International Symposium
on Regulatory Autoantibodies**

September, 26–27, 2024

Welcome

Dear Sirs and Madams, dear Colleagues,

It is with great pleasure that I extend this invitation to you for the fifth hybrid symposium on regulatory autoantibodies targeting G-protein-coupled receptors (GPCRs) in Lübeck.

As key regulators in physiological and pathophysiological processes, GPCRs have garnered significant attention, particularly due to the emergence of autoantibodies targeting them. These antibodies play crucial roles in modulating GPCR signaling and regulating inflammation, making them potential game-changers in human biology and pathophysiology.

I warmly invite you to join us for this engaging symposium, featuring distinguished speakers in the field of GPCR research, stimulating discussions, and enlightening poster sessions.

For those joining us in person, our venue at the Media Docks Lübeck offers a captivating blend of modern amenities and historic charm, situated conveniently close to the city center. It promises an ideal setting for networking amidst the scenic waterfront and industrial heritage.

I eagerly anticipate welcoming you to the picturesque city of Lübeck and encourage you and your colleagues to contribute to this dynamic meeting.

Welcome to the symposium, where you can participate both in person and online



Yours Prof. Dr. med. Gabriela Riemekasten

Die Veranstaltung wurde von der Ärztekammer SH mit 6 Fortbildungspunkten der Kategorie A anerkannt.

Program

Thursday, September 26th

Time	Topic
9:00	Desk opening
10:00	Welcome address T. Münte
10:15	Current concepts in the development of autoimmune diseases Y. Shoenfeld
	5 th anniversary RAB: "Challenges in GPCR ab research: from biomarker research to precision medicine G. Riemekasten
11:25	Coffee Break
11:40	Session: Regulation of Chronic Inflammation
	Age-associated dynamics of the autoantibodyome: a way to stay old and healthy O. Cabral Marques
	Anti-GPCR ab correlations: lessons from Systemic Sclerosis and its vascular and fibrotic complications S. Schinke
	AT1R ab-mediated inflammatory processes leading to Interstitial Lung Disease and Pulmonary Arterial Hypertension X. Yu
12:20	Lunch
13:15	Session: RABs in Neuroimmunology
	New insights of RABs in ME/CFS C. Scheibenbogen
	GPCR abs in PCS and ME/CFS F. Sotzny
	Autoimmune Neuroinflammation – pathogenic and regulatory autoantibodies P. Friedemann
	RABs as potential drivers of fatigue in RA, SLE and pSS H. Graßhoff
14:35	Coffee Break and Poster Session
15:35	Session: Inside Antibody-Induced Cellular Functions
	GPCR abs and ligand induced-receptor activation: measuring the interplay between ligand and abs D. Veprintsev
	Antibody-mediated immune cell-endothelium cross-talk in autoimmune diseases R. Akbarzadeh
	RABs targeting glycoalyx in SSc M. Jäpel
	EVs and RABs direct monocyte function in SSc M. Winziers
17:00	Closing

Friday, September 27th

Time	Topic
9:00	Desk opening
10:00	Session: RABs as Precision Biomarker in Immunity, Cancer and Transplantation
	A new hope: Profiling RABs in acute and chronic GvHD after HSCT G. Moll
	Regulatory autoantibodies targeting GPCRs in Transplant Rejection and Glomerulonephritis M. Bonasik
	Endothelin-1 directed RABs in Systemic Sclerosis P. Wang
11:00	Coffee Break
11:20	Session: insights beyond Anti-GPCR as biomarker
	PAR2 abs and other GPCR abs as predictors in Ischemic Stroke M. Endres
	RABs as predictors of therapy in PsA and IBD H. Graßhoff
	PAR1 abs as biomarkers in Kidney Cancer G. Moll
	Gut dysmotility through GPCR abs in Systemic Sclerosis K. Fourlakis
	Vasculitis pathogenesis driven by regulatory antibodies: insights from AAV, GCA, and EGPA S. Klapa
13:00	Lunch and Poster Session
14:00	Session: Complexity of RABs and Vesicles
	RABs and exosomes in RA: from tissue priming to tissue damage M. Hoffmann
	Axis of trouble: AT1R, AT1R-abs and AT1R-EVs in SSc-ILD A. Hackel
	HDL and apolipoprotein correlation with GPCR abs in SSc-ILD S. Jendrek
15:00	Coffee Break
16:00	Session: Therapeutic Targeting
	From COVID-19 to clarity: immunoadsorption for ME/CFS patients C. Scheibenbogen
	Emerging potential of CAR-T Cell therapy in Neurology A. Haghikia
	B-cell depletion in ME/CFS F. Sotzny
17:00	Closing Remarks G. Riemekasten

