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Registration: ki_direktion@ukw.de
 Please register for the workshop by **April 30th, 2025 at the latest**. The workshop is free of charge.
 Once you have registered, we will send you an access code for the online broadcast

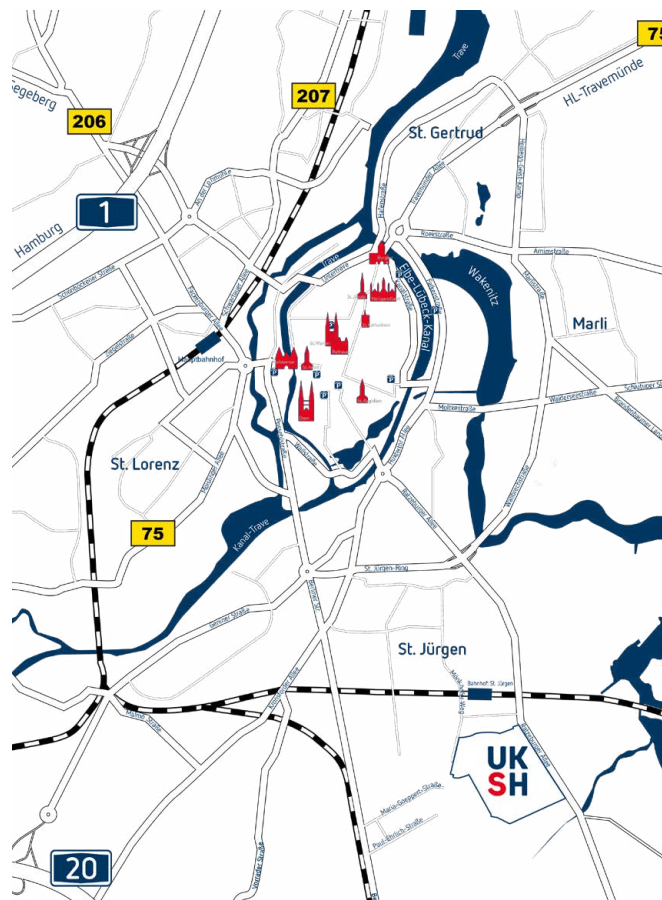
Certification: Recognition of the event by the Bavarian Medical Association with CME credits has been applied for.



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Venue
 Radisson Blu Senator Hotel
 Willy-Brand-Allee 6,
 23554 Lübeck
 Tel.: +49 451 1420
www.radissonhotels.com



Hybrid
 Option

1st International Workshop on
 „PRiming IMMunity At the
 beginning of Life an consequences
 for infant’s health (PRIMAL 1)

May 21st, 2025
 Lübeck – Germany

University Hospital Würzburg
 Department of Paediatrics
 Director: Prof. Dr. med. C. Härtel



The workshop is kindly supported by the following sponsors:



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Workshop program

Dear friends and colleagues,

We warmly invite you to our first international symposium on **PRiming IMMunity At the beginning of Life** (PRIMAL 1st Workshop), as a pre-congress symposium on May 21st 2025.

Our symposium will bring together clinicians and scientists who are interested in the topic of establishing the microbiome and the immunity early in life and potential consequences for infants' health. We are particularly interested in discussing the translational aspects of this emerging field, in particular, how basic science may lead to innovations in daily care including the parental view what research should be priority.

We are looking forward to expert lectures, valuable conversations and great networking. The event will take place in the Radisson Hotel Lübeck, one day before the official start of the 51st annual meeting of the German Society for Neonatology and Pediatric Intensive Care. A warm welcome to Lübeck,



Christoph
for the Scientific Committee

Scientific Committee

Kirsten Glaser - Leipzig, GER
Dorothee Viemann - Würzburg, GER
Lise Aunsholt - Copenhagen, DEN
Egbert Herting - Lübeck, GER
Michael Zemlin - Homburg, GER
Christoph Härtel - Würzburg, GER

20.05.25

19.00 **Arrival and Get together**

21.05.25

8.15 **Opening Christoph Härtel**

8.30-10.15 **Perinatal development of the immune-microbiome interplay.**

Chairs: Janina Marissen, Würzburg/GER;
Florens Lohrmann, Freiburg/GER

8.30 Mother-infant dyad – the pre- and perinatal view. Verena Bossung, Zürich/CH

8.50 Mother-infant microbiome transmission. Debby Bogaert, Edinburgh/UK

9.10 Hypoxic-ischemic events and host immunity. Josephine Herz, Essen/GER

9.30 Immune-brain axis – the neuroscientist's view. Mariana Astiz, Bilbao/ESP

9.50 Round table discussion

10.15-10.45 **Coffee break**

10.45-12.30 **Neonatal immunity and organ function.**

Chairs: Julia Pagel, Hamburg/GER;
Alexander Rakow, Stockholm/SWE

10.45 Understanding the virome of neonates. Lukas Wisgrill, Vienna/AUT

11.05 Cytomegalovirus infection as a role model. Philipp Henneke, Freiburg/GER

11.25 Priming immunity and risk for respiratory viral infections. Dorothee Viemann, Würzburg/GER

11.45 Priming immunity and long-term outcome of organ function. Kirsten Glaser, Leipzig/GER

12.05 Round table discussion

12.30-14.00 **Lunch break**

14.00-16.00 **The clinical challenges for mutual immune-microbiome development.**

Chairs: Sabine Pirr, Hannover/GER;
Ingmar Fortmann, Lübeck/GER

14.00 Nutritional influences on immune-microbiome interplay. Lise Aunsholt, Copenhagen, DEN

14.20 Antibiotic therapy of the newborn – benefits and risks. Emma Malchau-Carlsen, Copenhagen, DEN

14.40 Antibiotic resistome in the newborn – true impact or just nice to know? Claus Klingenberg, Tromsø, NOR

15.00 AI – the future tool for infection diagnostics? Eric Giannoni, Lausanne/CH

15.20 Round table discussion

15.45-16.15 **Coffee break**

16.15-18.00 **Future research for beneficial modulation**

Chairs: Natascha Köstlin-Gille, Heidelberg/GER;
Johannes Dirks, Würzburg/GER

16.15 Which research should be done? A parental view. Maria Hitzschke, Frankfurt/GER

16.35 Bioinformatics to disentangle meaningful outcomes.

Sofia Forslund-Startceva, Berlin/GER

16.55 Skin immunology and modes of protection. Tobias Strunk, Perth/AUS

17.15 Personalized vaccines for the most vulnerable? Michael Zemlin, Homburg/GER

17.35 Round table discussion

18.15 **Meet the expert**