#### **SYMPOSIUM**

Tracing microbes and antimicrobial resistance genes

#### **DATES:**

7th December - 8th December 2023

#### LOCATION:

GHOTEL hotel & living Göttingen Bahnhofsallee 1a, 37081 Göttingen

#### **REGISTRATION FEE:**

125 Euro (including catering and dinner).
Travel and accommodation is not included.

#### **TARGET AUDIENCE:**

Early and mid-career researchers with a focus on infection epidemiology, antimicrobial resistance prediction, and microbiome analysis. Max. 30 participants.

#### **OBJECTIVES:**

The symposium aims to connect and strengthen the network of early and mid-career researchers who investigate microbes with next generations sequencing technology. Research interests may include but are not limited to molecular surveillance projects, genome-based drug-resistance predictions, and microbiome studies. We believe that the individual expertises within these research fields will complement each other and will provide new collaboration opportunities.

#### **ABSTRACT SUBMISSION:**

Please submit your structured abstract (max. 300 words; Introduction, Methods, Results, Conclusion) via meeting.ihm@uni-wuerzburg.de.

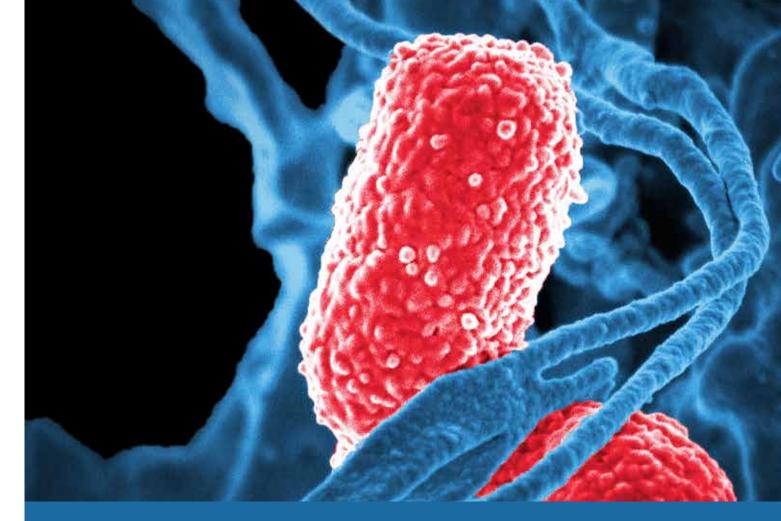
Please include your name, affiliation, and contact details. Abstract submission deadline is **01.09.2023**. Participants will be informed mid of September about the registration details.

#### **ORGANIZERS:**











#### **ORGANIZERS:**

DGHM section: Microbial systematics, population genetics and infection epidemiology Matthias Merker, Research Center Borstel, Leibniz Lung Center Jennifer Bender, Robert Koch Institute Thiên-Trí Lâm, University of Würzburg

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## **PROGRAMME** Thursday, 07 December 2023

11:30 -12:30	Arrival and finger food			
12:30 - 12:45	<b>Welcome</b> Matthias Merker, Borstel			
SESSION 1: Molecular Infection Epidemiology				
13:00 - 13:30	Public databases for genomic surveillance Ulrich Nübel, Braunschweig			
13:30 - 14:30	Short talks			
14:30 - 14:45	Coffee			
14:45 - 16:15	Short talks			
16:15 - 16:30	Coffee			
16:30 - 17:30	Speed talks			
18:30	Dinner			

## **PROGRAMME** Friday, 08 December 2023

# **CONFIRMED SPEAKERS & CHAIRS** (in alphabetical order)

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Genome-based prediction of antimicrobial resistances

09:00 -09:20 Machine learning for genome based resistance predictions

Matthias Gröschel, Berlin

09:20 - 09:40 AMR and Mobilome detection

Dag Harmsen, Münster

09:45 - 10:30 Short talks

10:30 - 11:00 Coffee

SESSION 3: Microbiome and Resistome

The challenge of low biomass micro-11:00 – 11:20

biome analysis

Meriem Belheouane, Borstel

Fungal microbiomes 11:20 - 11:40

Jan Kehrmann, Essen

11:40 - 12:30 Short talks

Concluding remarks 12:30 - 12:45

Finger food

#### Dr. Meriem Belheouane

Research Center Borstel, Leibniz Lung Center

Dr. Jennifer Bender

Robert Koch-Institute, Berlin

Dr. Matthias Gröschel

Charité - Universitätsmedizin Berlin

Prof. Dr. med. Dag Harmsen

University of Muenster

Dr. Thiên-Trí Lâm

University of Muenster

PD Dr. med. Jan Kehrmann

Essen University Hospital

Prof. Dr. Matthias Merker

Research Center Borstel, Leibniz Lung Center

Prof. Dr. Ulrich Nübel

Leibniz Institute DSMZ-German Collection of Microorganisms and Cell Cultures GmbH, Braunschweig

