

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:

ROBERT KOCH INSTITUT



Forschungszentrum Borstel
Leibniz Lungenzentrum



Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG



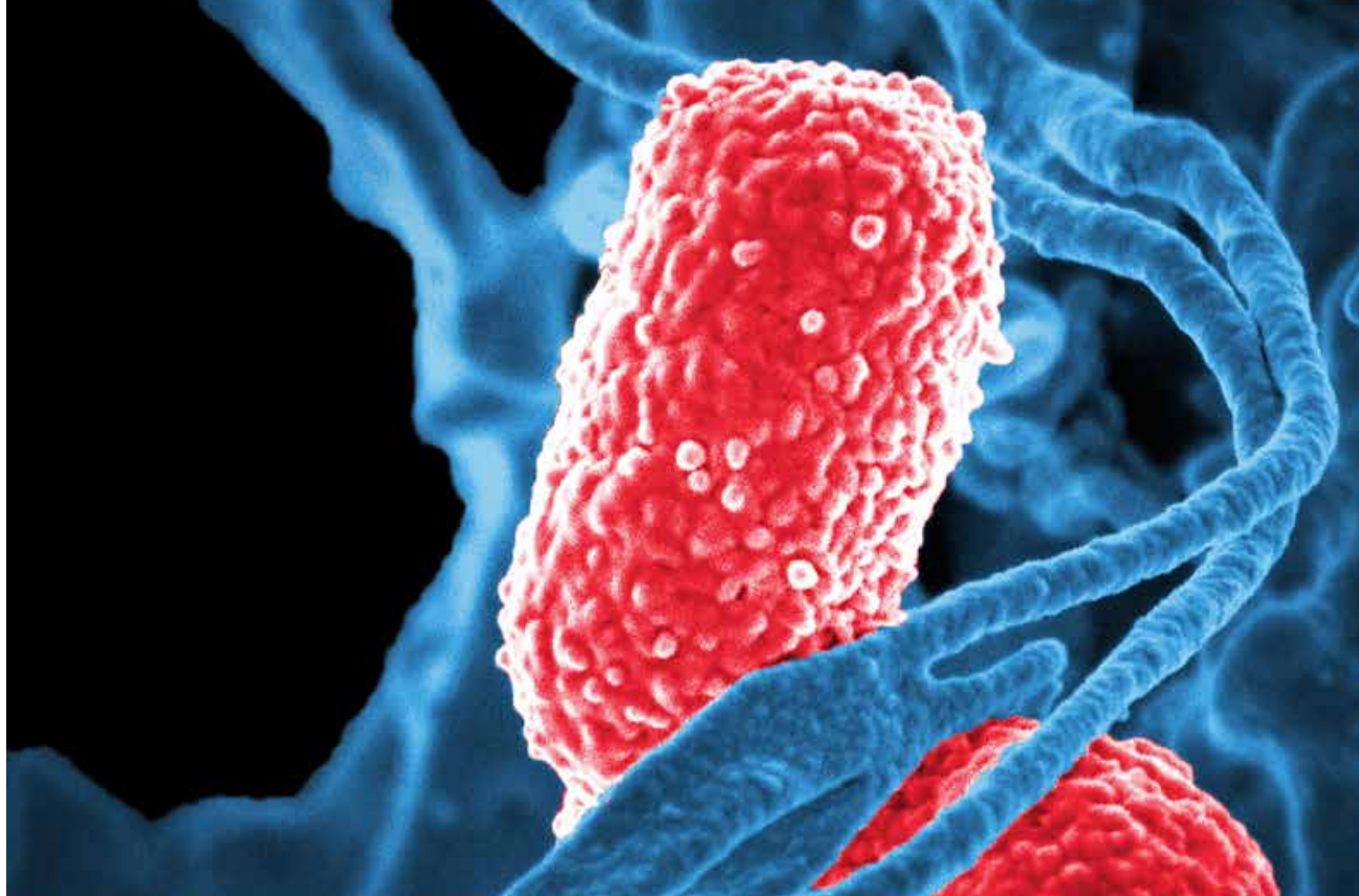
ORGANIZERS:

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 Welcome
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

SESSION 2:
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

11:00 – 11:20 The challenge of low biomass micro-
biome analysis
Meriem Belheouane, Borstel

11:20 - 11:40 Fungal microbiomes
Jan Kehrmann, Essen

11:40 – 12:30 Short talks

12:30 – 12:45 Concluding remarks

Finger food

CONFIRMED SPEAKERS & CHAIRS

(in alphabetical order)

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*