

Registration

Registration:
<https://forms.office.com/r/CpFE3eYzn8>



Contact:
summerschool@junge-dghm.de

Registration open until: **31st August 2022**
Fees: **60 Euro**

Information

Presentations will be in English and event will be online via Zoom.
CME and ATF certification pending.

Organizer:

Junge Deutsche Gesellschaft für Hygiene und Mikrobiologie (JDGHM)

Dr. Julia Guther, Tübingen
Dr. Judith Kikhney, Berlin
Prof. Dr. Dennis Nurjadi, Lübeck
Prof. Dr. Katharina Schaufler, Kiel
Julian Sommer, Frankfurt
Dr. Tobias Wienemann, Düsseldorf

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MoKi Analytics GmbH and Charité – Universitätsmedizin Berlin

Faculty

(in order of appearance)

Prof. Dr. Matthias Willmann
GeLaMed Gelsenkirchen, DE

Prof. Dr. Dr. André Gessner
Universitätsklinikum Regensburg, DE

Dr. Stefan Emler
SmartGene Inc., Lausanne, CH

M.Sc. Bioinf. Jennifer Müller
Universitätsklinikum Tübingen, DE

Michael Schwabe
Universität Greifswald, DE

Prof. (DPhil) Alexander Diltthey
Universitätsklinikum Düsseldorf

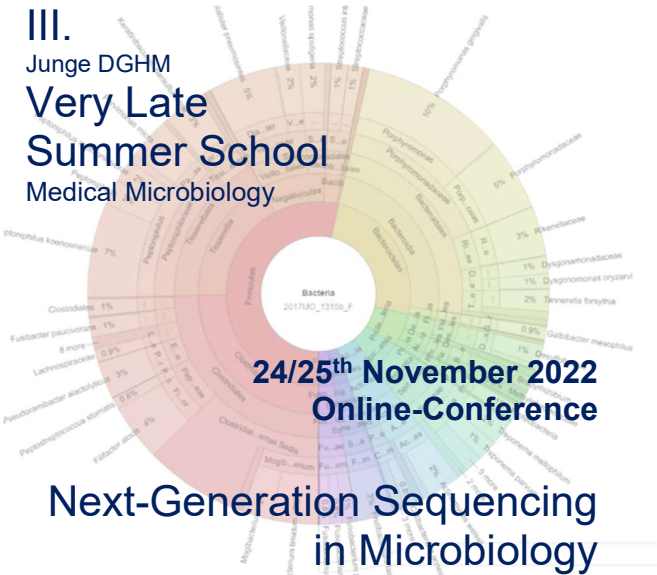
Dr. Sébastien Boutin
Universitätsklinikum Heidelberg, DE

Dr. Adrian Viehweger
Universitätsklinikum Leipzig, DE

Dr. Sandra Reuter
Universitätsklinikum Freiburg, DE

Prof. Dr. Annette Moter
Charité – Universitätsmedizin Berlin, DE

Juan David Ramírez González, PhD
Mount Sinai, USA



DGHM Summer School 2022

The very late summer school 2022 is a forum for young scientists to connect with others working in the field of clinical microbiology. Participants may opt for sharing their research topic in a short presentation to encourage exchange of ideas and network with other (young) scientists.

Julia Guther
Judith Kikhney
Dennis Nurjadi

Katharina Schaufler
Julian Sommer
Tobias Wienemann

Topics

NGS in microbiology:

- challenges and opportunities
- application in clinical diagnostics and research

Program Day 1

Day 1

24th November 2022

13:00-13:15

Welcome and set-up

13:15-14:00

Introduction, challenges and opportunities of NGS
Matthias Willmann, DE

14:10-14:55

Round Robin Tests and Quality Control for NGS
André Gessner, DE

14:55-15:40

NGS: Challenges of Databases and Nomenclature
Stefan Emler, CH

15:50-16:35

Bioinformatics tools for NGS analysis
Jennifer Müller, DE

16:35-17:00

Participants' Presentation/Poster Session part I

Program Day 2

Day 2

25th November 2022

09:00-09:10

Welcome and set-up

09:10-09:55

(Meta)Transcriptome/ RNA-Seq
Michael Schwabe, DE

10:05-10:50

RT genomic epidemiology of SARS-CoV-2
Alexander Dilthey, DE

10:50-11:35

NGS for the diagnostics of respiratory infections
Sébastien Boutin, DE

11:45-12:30

Long reads matter
Adrian Viehweger, DE

12:30-13:15

Whole genome sequencing in infection control and prevention - moving into real-time
Sandra Reuter, DE

14:30-15:15

Imaging as key for microbiome analysis
Annette Moter, DE

15:15-16:00

Microbiome analysis for clinical routine diagnostic testing?
Juan Ramírez González, USA

16:15-17:00

Participants' Presentation/Poster Session part II