

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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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 Dilthey
Universitätsklinikum Düsseldorf

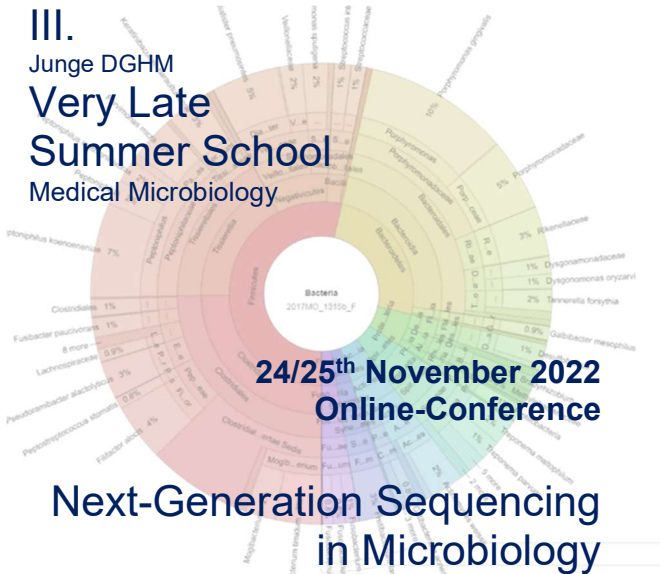
Dr. Sébastien Boutin
Universitätsklinikum Heidelberg, DE

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	24 th 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
14:55-16:00	NGS: Challenges of Databases and Nomenclature Stefan Emler, CH
14:10-14:55	Bioinformatics tools for NGS analysis Jennifer Müller, DE
15:00-16:00	Participants' Presentation/Poster Session part I

Program Day 2

Day 2	25 th 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