



Gesellschaft für Genetik

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Vollmitglieder 70,- €
Einzelpersonen mit Partner 80,- €
Studierende/Arbeitssuchende 25,- €
(Nachweis erforderlich)
Pensionäre (Nachweis erforderlich) 45,- €

Bankverbindung:

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GfG-Homepage: www.gfgenetik.de/
www.gfgenetik.com

**Die GfG-Tagung wird als online-Konferenz abgehalten.
Details dazu werden zeitnah auf der Konferenz-
Webseite bekannt gegeben.**



Talks

Prof. Ute Römeling
Karolinska Institute Stockholm, Sweden
Intracellular signalling in pathogenic bacteria

Prof. Mihai Netea
Limes, University of Bonn, Germany
Variation and adaptation in innate immune responses

Prof. Trine Morgensen
Aarhus University, Denmark
Deciphering the genetics and immunology of enhanced susceptibility to viral infections in the brain

Prof. Adam Grundhoff
Heinrich-Pette-Institut Hamburg, Germany
Genetic and Epigenetic Determinants of Herpesvirus Latency

Prof. Marcus Fuld
FU Berlin, Germany
Random mutagenesis to define new virulence determinants in streptococcal pathogenesis

Dr. Mikael Sellin
University of Uppsala, Sweden
Epithelial Inflammation and Gut Bacterial Infection

Prof. André Fleissner
TU Braunschweig, Germany
Conserved cell-cell signaling mechanisms in filamentous fungi

"The current conference is dedicated to shed light on fundamental genetic mechanisms of inflammatory and infectious events and the involved bacterial, viral and fungal pathogens."

Dr. Marc Veldhoen
University of Lisbon, Portugal
Generation, maintenance and activation of tissue resident T cells

Prof. Heiner Wedemeyer
Hannover MHH, Germany
To be announced

Prof. Dario Zamboni
University of Sao Paulo, Brazil
Inflammasomes in host response to intracellular pathogens and in the pathogenesis of diseases

Dr. Janneke Samson
Erasmus University Rotterdam, Netherlands
Regulating intestinal immune responses to luminal antigens

Prof. Jan-Willem Veening
University of Lausanne, Switzerland
Systems and synthetic biology approaches to study pneumococcal pathogenesis

Prof. Michela Matteoli
Humanitas University Milan, Italy
Exosomes as mediators of neuron-glia communication in neuroinflammation

Prof. Gert van Loo
University of Gent, VIB, Belgium
Inflammasomes in neuroinflammatory and neurodegenerative diseases

Prof. Isabelle Martin-Verstraete
Pasteur Institute Paris, France
Stress responses of Clostridioides difficile

Dr. Shirin Hosseini
TU Braunschweig, Germany
Respiratory viral infection, neuroinflammation and associated neurodegeneration

Dr. Xavier Montagutelli
Pasteur Institute Paris, France
Exploring host-virus interactions in genetically diverse Collaborative Cross mice

Prof. Silvia Vidal
McGill University Montreal, Canada
From genomics to function: new preclinical mouse models of infection and inflammation

Prof. Axel Brakhage
Hans-Knöll-Institute Jena, Germany
The opportunistic human fungal pathogen Aspergillus fumigatus

Plenary Sessions by Prof. Yang Li, MD Braunschweig, Janelia in "Genetic Diversity"; Prof. Jochen Hees, MD Braunschweig, Adaptive or Tissue-Resident Immunity; Prof. Gert van Loo, TU Braunschweig, Bacterial Infections; Prof. Bernd Bengtsson, TU Braunschweig, Bacterial Infections; Prof. Heiner Wedemeyer, Hannover MHH, TU Braunschweig, "Phenotypes"; Prof. Heiner Wedemeyer, Hannover MHH, TU Braunschweig, Microbiome; Prof. Mikael Sellin, Uppsala University, Gut Infection; Prof. Frank Hees, MD Braunschweig, Viral Infections; Prof. Gerhard Braus, University of Göttingen, Fungal Infections.

Host

The German Genetics Society (GfG) is a scientific organization that unites scientists from universities and research institutions as well as from industry and governmental agencies working on all aspects of genetic research. It is also a home for high school teachers and everybody interested in genetics.

The GfG fosters scientific exchange and discussion of actual as well as long-term pressing scientific questions related to the field of genetics and aims for encouraging comprehensive interdisciplinary considerations across genetic disciplines. The society meets this goal by regularly organizing for their members and interested guests international conferences hosting renowned experts and young academics to present their latest findings in a selected key topic of genetic research.

Find out more at: <https://www.gfgenetik.de>

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Location

Host of this conference is the Life Sciences Faculty of the Technische Universität Braunschweig with its key research area in infection and drug research.

Together with the Helmholtz Centre for Infection Research and the German Collection of Microorganisms and Cell Cultures (DSMZ) as a member institute of the Leibniz Association a strong local infrastructure to organize this conference is provided for this prevailing scientific topic.

The conference will take place at the North Campus of the Technical University of Braunschweig.

Learn more about

- the detailed program, abstract submission, poster sessions
- prices, early bird, GfG discount, registration
- accommodation and directions
- sponsoring opportunities

<https://gfg.itubs.de>