



8th Glienicke Workshop on Electron Microscopy in Infectious Diseases - Diagnostics and Research

21.09. - 22.09.2017 - Berlin - Robert Koch-Institut

The Glienicke workshop assembles people which are interested in diagnostic electron microscopy (EM) and research of pathogens for discussions, exchange of ideas and knowledge.

Major topics of the meeting are:

- Diagnostic EM: Principles, methods and organisation
- Case studies of infectious diseases and zoonoses
- EM in pathogen research
- Perspectives of microscopy in diagnostics and research

The program is open for oral and poster contributions by participants. Please register and send us a title of the intended presentation and a brief outline of the content (a few sentences are sufficient).

Organiser:
Dr. Michael Laue (ZBS 4)

Meeting fees:
50 € ; students, 25€; DGE-
members, free

Registration:
glienicke2017@rki.de

Glienicke Workshop – Preliminary Program

Thursday, 21st September

- 9:00 Registration
- 10:00 Diagnostic Electron Microscopy of Pathogens
- Daniel Beniac (Public Health Canada, Winnipeg) - Diagnostic Electron Microscopy at Canada's National Microbiology Laboratory, detection of high-consequence viral and bacterial pathogens
- Antonio Lavazza (Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Brescia)
- Atanu Basu (National Institute of Virology, Pune) – Pathogenesis of the Kysanur Forest Fever virus
- ...
- 12:00 Lunch
- 13:00 Diagnostic Electron Microscopy of Pathogens
- Ida-Maria Sintorn (Vironova, Stockholm) – The MiniTEM
- ...
- Michael Laue (Robert Koch Institute, Berlin) – Inactivation, particle enrichment, VirusExplorer
- 16:30 Lab tour in the new lab building, finger food and drinks

Friday, 22nd September

- 10:00 Microscopy in the Research of Infectious Diseases
- Jacomine Krijnse-Locker (Pasteur Institute, Paris) - Contributions of modern EM to understand pathogens and their host
- Inés Romero-Brey (EMBL, Heidelberg) - 3D cell nanostructure upon viral infection
- Andreas Hocke (Charité, Berlin) – Human lung infection model
- ...
- 12:00 Lunch
- 13:00 Microscopy in the Research of Infectious Diseases
- Monica Hagedorn (Jacobs University Bremen) – *Dictyostelium discoideum*, a model system to dissect host-pathogen interactions
- Christoph Schaudinn (Robert Koch Institute, Berlin) – Biofilm
- ...
- Coffee Break
- 16:00 Summary & Closing of the Workshop