

# NordicAST WORKSHOP 2025, HYLLE (MALMÖ)

## PRELIMINARY PROGRAM

Tue 27 May 2025

09:30-10:45 Meet-the-expert sessions – parallel sessions

- **Carbapenemase-producing Enterobacterales (CPE): preparedness of Nordic laboratories** (Ørjan Samuelsen, Kaisu Rantakokko-Jalava, Arnfinn Sundsfjord)  
**Description:** There is a worrisome increase in CPE in European countries including the spread of clonal K. pneumoniae in hospitals (including the hypervirulent strains) and increase in high-risk lineages of E. coli with a risk of spread in the community. Is your laboratory prepared?  
**Target group:** Clinical microbiologists, but everybody welcome!
- **PK-PD breakpoints are dead – long live the PK-PD cut-offs** (Christian Giske, Barbara Holzkecht)  
**Description:** The role of PKPD in setting breakpoints will be explained as well as its limitations  
**Target group:** Clinical microbiologists, but everyone interested in PKPD is welcome!
- **Frequently asked questions on disk diffusion - an interactive session** (Nathalie Friberg, Erika Matuschek, Anna Hill)  
**Description:** Questions sent to EDL, encountered in every day lab routine and collected from participants will finally get their answers  
**Target group:** Lab personnel involved in AST

Coffee

11:15 Welcome (Barbara Holzkecht)

Session 1 - News from EUCAST and EDL

- **News from EUCAST and EDL** (Erika Matuschek, Jenny Åhman, Christian Giske)

Lunch

Session 2 - Staphylococcus aureus, revisited

- **Genetics – on the mechanisms of MRSA** (Robert Skov)
- **Detection of penicillin susceptibility in S. aureus** (Barbara Holzkecht)

Session 3 - Keynote lecture

- **Whole Genome Sequencing in Antimicrobial Susceptibility Testing** (Ørjan Samuelsen)

Coffee

Session 4 - Organisms needing love and care

- **Challenges in Antimicrobial Susceptibility Testing of fastidious organisms** (Erika Matuschek)
- **What's new in susceptibility testing of anaerobes?** (Jenny Åhman)
- **Developments in Antimicrobial Susceptibility Testing of gonococci** (Erika Matuschek)

Session 5 – An update on dermatophytes

- **Terbinafine resistance in Trichophyton spp** (Lise Kristensen)

19:00- Dinner

**Wed 28 May 2025**

**8:15-9:15 Meet-the-expert sessions – parallel sessions**

- **Treatment of carbapenemase-producing organisms – case-based presentations**  
(Christian Giske, Barbara Holzkecht, Karianne Gammelsrud)  
**Description:** In this case-based session, we will give you both theoretical background and practical advice on the role of beta-lactam agents, including BLBLs and other newer agents, for the treatment of carbapenemase-producing organisms.  
**Target group:** Clinical microbiologists, but everybody welcome!
- **Reading of broth microdilution MIC endpoints**  
(Jenny Åhman, Ingvild Haugen, Anna Hill)  
**Description:** “A guide on general and specific reading instructions and how to deal with difficult situations such as pinpoint growth, trailing endpoints, haze, haemolysis and skipped wells”.  
**Target group:** Anyone who is performing or considering introducing broth microdilution in the laboratory.
- **Quality control - the hows and whys**  
(Dennis Holmgaard, Nathalie Friberg, Erika Matuschek)  
**Description:** “Discussions on the role of quality control of disk diffusion in a routine laboratory with real-life examples of problems and follow-up actions”  
**Target group:** Lab personnel involved in AST.

**Session 6 - Streptococci and benzylpenicillin**

- **Changes in benzylpenicillin breakpoints and testing implications for pneumococci and other viridans group streptococci** (Christian Giske)

Coffee

**Session 7 – Keynote Lecture**

- **Artificial Intelligence in Antimicrobial Susceptibility Testing** (Adrian Egli)

**Mini oral presentations – accepted abstracts**

Lunch

**Session 8 - Round table: Q and A from participants**

- Moderators: Karianne Gammelsrud and Erika Matuschek

**Session 9 - Difficult to treat gram-negative pathogens**

- **Emerging resistance to novel beta-lactam agents in gram-negatives** (Christian Giske)
- **Stenotrophomonas – testing and treatment** (Barbara Holzkecht)

**15.00 Ending of workshop, see you next year and coffee** (Barbara Holzkecht)