

Technical workshop in biofilms

Wednesday June 26th 2024

Location: Costerton Biofilm Center,
Department of Immunology and Microbiology,
University of Copenhagen

Organizers: Thomas Bjarnsholt, Oana Ciofu, Tim Tolker-Nielsen

Number of participants: Max 24.

The participants will be divided in 3 groups of 8 (gr.1-3).

The groups will rotate between three “workshops” of 75 min each.

- **Workshop I:** Theoretical session on biofilm formation, tolerance mechanisms, chronic infections.
- **Workshop II:** Microscopy session: theory and hands-on in the microscope room: demonstration of microscopy of tissue and flow-cells biofilms.
- **Workshop III:** *In vitro* biofilm models: theory and hands on in the lab: demonstration of semisolid model, Calgary device, microtiter plate, glass bead model, and flow-cells, as well as methods of investigation: crystal violet, live/dead staining, CFU and respiration.