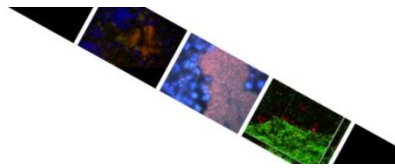


5TH INTERNATIONAL BIOFILM COURSE

OCTOBER 2017 · COPENHAGEN



Course Programme - 26-27 October 2017

26 October

12:00 Welcome and introduction to course, Thomas Bjarnsholt

12:15 Basic Biofilm Knowledge and in vitro biofilm models, Kasper Kragh

13:00 Biofilms in wounds, Klaus Kirketerp-Møller

14:00 Coffee and briefing on exercises (teams of 2 or 3 will do exercises together)

14:30 Practical sessions:

Casting of semi solid gels with serum, blood and meat powder and preparation of wound model

Application of Antimicrobials (incl. dressings) to biofilm model for microscopy (BYOI)

Sonication, serial dilution and spread plating biofilms for viable counts (premade by instructors)

18:00-22:00 Dinner at Restaurant Tapperiet Brus

27 October

09:30 Morning coffee

09:45 The role of biofilms in chronic infections, Thomas Bjarnsholt

10:15 In vivo biofilm models and novel treatment strategies, Maria Alhede

10:45 Practical sessions:

Staining of bacterial biofilms in wound section (PNA FISH and DAPI) and semi solid biofilms (Syto 9 and PI)

Quantitative evaluation of plates

Microscopy of stained wound, semi-solid biofilms and Alginate beads

Qualitative analysis of filter biofilm

12:00 Lunch

12.45 Continuation of practical sessions

14:15 Coffee Break

14:30 Discussion of results and sum up

15:00 End of course