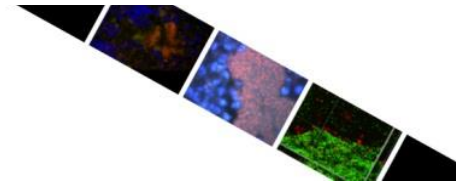




5TH INTERNATIONAL BIOFILM COURSE

OCTOBER 2017 · COPENHAGEN



2 day Practical Course in Biofilm Procedures

Copenhagen - Denmark

26-27 October 2017

Venue address:

University of Copenhagen
Faculty of Health & Medical
Sciences, Department of
Immunology and
Microbiology
Costerton Biofilm Center
Nørre allé 20

Contact information:

Biofilm Course Secretariat:
CAP Partner
info@cap-partner.eu
Tel: +45 70200305

Registration for the course:

Please register at the course website www.biofilmcourse.org

Registration fees

Participant registration: 7500 DKK (1000 EUR)

Course dinner: 750 DKK (100 EUR)

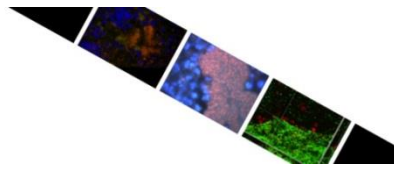
Included in the registration fee Full course registration,
final programme, coffee breaks and lunch.



Organised in collaboration with Biofilm Test Facility, the European Wound Management Association and the Faculty of Health and Medical Sciences University of Copenhagen.

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Welcome to the 5th Practical Course in Biofilm Procedures

It is a pleasure to invite you to participate the 5th practical course in biofilm procedures which will be held in October 2017 in Copenhagen, Denmark.

The biofilm course introduces the participants to the topic of biofilms and its huge impact on chronic infections. Through lectures and a full day of hands on experiments, the participants will gain a vast understanding of biofilms and useable knowledge of how and when to implement biofilms into their research or product portfolio.

The course will introduce several realistic in vitro and in vivo biofilm models for antimicrobial testing and offers possibility for the participants to bring their own dressing etc. to test in vitro (data will not be shared with other participants or published).

We hope you will join us for the 5th course in biofilm and look forward to welcoming you to Copenhagen.

Best regards,
On behalf of the local organisers

Majken Sønderholm, PhD
Thomas Bjarnsholt Dr.Med.,

Preliminary Course Programme - 26-27 October 2017

26 October

- 12:00 Welcome and introduction to course, Thomas Bjarnsholt
- 12:15 Biofilm models and briefing on exercises, Maria Alhede
- 13:00 Biofilms in wounds, Klaus Kirketerp-Møller
- 14:00 Coffee and discussion

Practical sessions:

- 14:30 Casting of semi solid gels with serum, blood and meat powder and preparation of wound model
- 15:30 Application of Antimicrobials (incl. dressings) to biofilm model for microscopy
- 16:00 Sonication, serial dilution and spread plating biofilms for viable counts
- 18:00-23:00 Dinner at local Restaurant

27 October

- 09:00 Morning coffee
- 09:30 Basic Biofilm Knowledge and novel treatment strategies, Kasper Kragh, Confocal Microscopy of treated gels are done during incubation and spare time

Practical sessions:

- 10:15 Staining of bacterial biofilms in wound section (PNA FISH and DAPI) and semi solid biofilms (Syto 9 and PI)
 - 10:30 Quantitative evaluation of plates and time for discussion with instructors
 - 12:00 Lunch
 - 12.45 The role of biofilms in chronic infections, Thomas Bjarnsholt
- ### **Practical session:**
- 13:15 Microscopy of stained wound and ex vivo biofilms in the electron microscope (CFIM)
 - 14:15 Coffee Break
 - 14:30 Discussion of results and sum up
 - 15:00 End of course