



COST Training School on Standardized Antimicrobial Activity Testing of Orthopedic Implant Surface

Dates: 21-23 March 2018

Place: Université Libre de Bruxelles (ULB)

Program:

Day 1:

- Aseptic processing and environmental conditions
- preparation of the surfaces for the assay
- preparation of the culture medium, interfering solutions and neutralizing solution
- Bacterial and fungal ATCC strains: culture and stock conditions- launching Inoculum
- Preparation of bacterial and fungal inoculum
- Assays for bacteria and fungi counting
- Verification of the quality of the strains: use of API ID strip
- Assay of validation for the neutralizing solution
- Inoculum counting assay
- Launching the candidate standardized antimicrobial/antiadherence/antibiofilm surface assay (CSAAASA) with negative and positive control surfaces

Day 2:

- Interpretation of the results of the validation of the neutralizing solution
- Launching the assays to assess the number of survival microorganisms in solution or adhering on the surface (from the CSAAASA)

Day 3:

- Reading of the API ID strip via BioMérieux databank and interpretation
- Counting of survival microorganisms in solution or adhering on the surface- log reduction arithmetic, interpretation
- Assessment of the quality of the positive and negative surface controls

Registration: Reservation required, as the training is limited to 24 persons
Register on the home page of www.ipromedai.net

Fee: A registration fee of € 100.- applies

Scholarship: Early Stage Researchers in microbiology or biomaterial sciences (*master students, PhD candidates and post-doctoral fellows from the EU*) may **apply** for a **scholarship** that covers travel and housing in part (up to € 600 maximum)