



COST AMiCI

Program AMiCI Mid-term Conference, Zagreb, Croatia

Day 1: Tuesday 2 October

9:00 Welcome by Local Organiser
Zvonimir Šostar, Andrija Stampar Teaching Institute of Public Health
Ivana Vinković Vrček, Institute for Medical Research and Occupational Health

9:15 AMiCI – What has happened the past 2 years?
Challenges & Solutions
Francy Crijns
Zuyd University of Applied Sciences, Action Chair

10:00 WG1 Session: Antimicrobial Coatings (AMC) – Safe by Design

10:00 Critical overview of antimicrobial coating technologies
in healthcare settings
(plenary talk)
Simone Schulte
Evonik, Germany

10:40 *Coffee break*

11:00 Nanoengineering strategies for safe by design antimicrobial materials
Kristina Ivanova
Universitat Politècnica de Catalunya, Spain

11:25 Phthalocyanine derivatives as efficient and safe photoantimicrobials
Anzhela Galstyan
Center for Nanotechnology - WWU Münster, Germany

11:35 Plant mediated synthesis of silver nanoparticles
and its application as antimicrobial agents
Miona Miljkovic
University of Belgrade, Serbia

11:45 Magnetron sputtering as tool to develop antimicrobial coatings
for biomedical devices
Isabel Carvalho
University of Minho, Portugal

11:55 Antimicrobial new membranes for oral surgery
Codruta Mirica
Iuliu Hatieganu University of Medicine and Pharmacy, Romania

12:05 Antimicrobial surfaces in practice
– nanosilver in the research project “NE-Offensive”
Gregor Schneider
RAS AG, Germany

12:30-13:30 *Lunch break*

13:30 WG2 Session: Performance Assessment of AMC's

- 13:30 From concept to market: the challenge of getting an AMC to market
Peter Askew
IMSL, UK
- 14:00 Laboratory test methods: An Introduction
Martijn Riool
Amsterdam UMC, University of Amsterdam, The Netherlands
- 14:30 Proliferation and adhesion assays for high throughput testing of
and validations of AMC's
Markus Zehe
QualityLabs BT GmbH, Germany
- 15:00 Vital staining on surfaces
Bill Keevil
University of Southampton, UK

15:30-15.45 *Coffee break*

15:45-17:00 Visit Institute Ruđer Bošković

19:00 Conference Dinner



Day 2: Wednesday 3 October

9:00 Management Committee meeting
MC (vice) members only

10:00 Coffee break

10:30 WG3 Session: Adverse effects of AMCs – Risk Benefit Analysis

- 10:30 Introduction
Anne Kahru, National Institute of Chemical Physics and Biophysics, Estonia
Merja Ahonen, Satakunta University of Applied Sciences, Finland
- 10:45 Life cycle approach for nanomaterials in coatings
to balance environmental benefits and risks
Claudia Som
EMPA, Switzerland
- 11:15 Questions
- 11:30 Can antimicrobial surfaces promote development
of resistant microorganisms?
Angela Ivask
NICPB, Ministry of Social Affairs, Estonia
- 12:00 Questions
- 12:15 Discussion on both topics

12:30-13:45 Lunch break

13:45 WG4 Session: The new cleaning

- 13:45 Atmospheric pressure plasma for the purposes of surface decontamination
Martina Modic
Jožef Stefan Institute, Slovenia
- 14:15 Biobased cleaning, the future in healthcare cleaning?
Mark Bergers
Alpheios, The Netherlands
- 14:45 Questions & discussion

15:30-16:00 Coffee break

16:00-17:00 Wrap up & panel discussion with WG leaders
Minna Keinänen-Toivola
Satakunta University of Applied Sciences, Finland

18:00-19:00 Guided city tour
(optional)