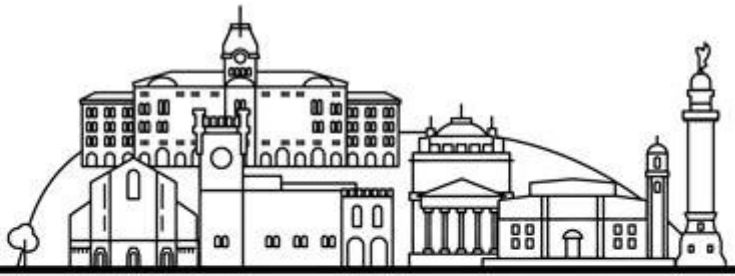


AIMed
ECerS
SUMMER
SCHOOL



Strategies and molecular tools for assessment of antimicrobial biomaterials

13-15 JUNE 2022 • UNIVERSITY OF TRIESTE • ITALY



PROGRAMME

Monday 13rd June 2022

9:45-10:00 Welcome –opening

Session 1: Trends in Bone tissue engineering and orthopaedics/prosthetic research

10:00-11:00 Gerard Giordano (Head of Orthopaedics, Traumatology Department, Joseph Ducuing Hospital, Toulouse, France) *“Osteo-articular complex infection: daily practice and guidelines - Strategies, Techniques and technologies.”*

11:00-11:30 Coffee break & I poster session

11:30-12:30 Paola Palmero, (Department of Applied Science and Technology, Politecnico di Torino, Italy) *“Bioceramic scaffolds in bone tissue regeneration. Advances in materials and technologies.”*

Session 2: Strategies and methods for antibacterial activity

14:00-15:00 Alex Tossi, (Life Science Department, University of Trieste, Italy) *“Methods for identification, design and characterization of antimicrobial peptides.”*

15:00-15:30 Coffee break & II poster session

15:30-16:30 Bikramjit Basu (Materials Research Center & Center for Biosystems Science and Engineering, Indian Institute of Science, Bangalore, India) *“Biomaterials and Bioengineering-based strategies to combat implant infections: New perspectives to old challenges”*

Tuesday 14th June 2022

Session 3: Laboratory standard guidelines for microbial assessment

09:30-10:30 Sarah Kuehne, (The School of Dentistry, University of Birmingham, UK) *“Antimicrobial testing using Biofilm models.”*

10:30-11:00 Coffee break & III poster session

11:00-12:00 Melissa Grant (The School of Dentistry, University of Birmingham, UK) *“Using proteomics to explore antimicrobial mechanisms.”*

Activities session

13:30-15:30 James Whitby (University of Birmingham, UK) *“Scientific writing and project planning.”*

15:30-16:00 Coffee break & IV poster session

16:00-17:00 Lauren Deere (Public Engagement Team, University of Birmingham, UK) *“Engaging Public Audiences with Research.”*

19:00 SCHOOL DINNER at Principe Di Metternich Ristorante

Wednesday 15th June 2022

Session 4: New compounds and biomaterials: Regulatory processes and validation

9:00-11:00 Claudine Lavergne (R&D project Manager, Teknimed, L'Union, France) *“From design to the market - Medical device regulation.”*

11:00-11:30 Coffee break

11:30-12:30 Pierangela Perissinotto (Regulatory Technical Advisor, Limacorporate S.p.A., Italy) *“Exploring the biocompatibility of Biomaterials for prosthetic implants: A company's point of view.”*

12.30-13.00 Closing ceremony