

AIMed
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Emerging antimicrobial biomaterials for orthopaedic applications

22-23 FEBRUARY 2023 • HOTEL ACADEMIA ZAGREB • CROATIA



PROGRAMME

Day 1 - Wednesday 22nd February 2023

8:30-9:00: Welcome-Opening

Session 1 - Processing of biomaterials and functionalisation

9:00 **Prof. Anne Leriche, Polytechnic University Hauts-de-France, France**
Classical fabrication methods for ceramic materials

10:00 **Prof. Albena Daskalova, Bulgarian Academy of Science, Bulgaria**
Surface functionalisation of biomaterials

11:00 Coffee Break

11:30 **Dr Stephen Gray, Ourobionics, UK**
3D printing principles

12:30 Lunch

Session 2 - Antimicrobial biomaterials and testing

14:00 **Prof. Fernando Albericio, University of Barcelona, Spain and University of KwaZulu-Natal, South Africa**
Synthesis of antimicrobial peptides

15:00 **Prof. Maria-Helena Fernandez, University of Porto, Portugal**
Antimicrobial testing of biomaterials

16:00 Coffee Break

Session 3 - Advanced characterisation methods

16:30 **Prof. Silke Christiansen, IKTS, Germany**
Advanced imaging of biomaterials

17:30 **Poster Session 1**

20:00 **School Dinner**

Day 2 - Thursday 23rd February 2023

Session 4 - Advanced characterisation methods

9:00 **Prof. Akis Agathopoulos, University of Ioannina, Greece**
Mechanical properties of biomaterials

Session 5 - Post-production treatments

10:00 **Prof. Sophie Cazalbou, Universite Paul Sabatier Toulouse I, France**
Biomaterials and sterilisation

11:00 **Coffee Break**

Session 6 - Topics on standardisation of materials and medical devices

11:30 **Prof. David Grossin, Institut National Polytechnique de Toulouse, France**
Standardisation of medical devices

12:30 **Lunch**

Session 7 - Data Treatment

14:00 **Asst. Prof. Jiahua Jiang, University of Birmingham, UK**
Statistics and data analysis

Session 8 - Soft skills

15:00 **Prof. Elina Meliou, Brunel University, UK**
Equality and diversity

16:00 **Coffee Break**

16:30 **Dr. sc. Bojan Macan, Ruđer Bošković Institute, Croatia**
Dissemination and open access

17:30 **Poster Session 2**

19:00 **Closing ceremony**

Venue

Hotel Academia

Ul. Ivana Tkalčića 88

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<https://www.hotelacademia.hr/en/>