

MILAN
BIOFILM
MEETING
2017

REDUCING BIOFILM-RELATED INFECTIONS:

from basic research to clinical applications

June, 23rd-24th

Milano Biofilm Meeting 2017

Congress Venue

The Westin Palace Milan
Piazza della Repubblica, 20
20124 Milano

M I L A N B I O F I L M M E E T I N G

CHAIRMEN: Lorenzo Drago – Carlo L. Romanò

First Announcement



UNIVERSITÀ
DEGLI STUDI
DI MILANO

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milanobiofilm.com

**PROGRAMME
CONFERENCE THEMES & TOPICS**

SESSION 1. KNOWING THE BUG AND ITS BIOFILMS

Current microbiological approach: presentation of the Milano Biofilm Center

Characteristics of clinical biofilms

Competition for space in biofilms

Fungal biofilms: what is the difference ?

Animal models of implant-related infections in orthopaedics

Modern techniques to study biofilms and possible applications

SESSION 2. DIAGNOSING BIOFILM-RELATED INFECTION

From implant malfunction to high grade infections and the role of the host

Synovial fluid markers to diagnose peri-prosthetic joint infections: an Italian experience

What is the role for intra-operative diagnosis and sampling ?

Biopsies or implants: which new technologies ?

Cost-effectiveness of antibiofilm microbiological techniques

Imaging of biomaterial associated infection

What a clinician should ask to the microbiologist and viceversa

The role of molecular microbiology

SESSION 3. CAN WE REDUCE BURDEN OF BIOFILM-RELATED INFECTION?

PART 1

Social and economical impacts of biofilms in orthopaedics

Biofilms on cardiovascular devices

Role of biofilms in nasopharyngeal chronic infections

Bacterial sensing their environment

Limits and new possibilities of systemic antibiotic treatments

Biofilms and antibiotic-loaded PMMA

Calcium-based antibiotic-loaded to treat osteomyelitis and septic bone defects

Double antibiotic-loaded bone cement: a controlled clinical study

Calcium-based antibiotic-loaded coating of implants: a possible solution ?

SESSION 4. CAN WE REDUCE BURDEN OF BIOFILM-RELATED INFECTION? PART 2
Tantalium and infection: what is the evidence ?
A thermo-responsive hyaluronan based hydrogel loaded with gentamicin prevents infection in an in vivo fracture model with plating osteosynthesis
DAC hydrogel: from research to clinical applications
A novel approach ?
Challenges and solutions to manage infections in orthopaedic oncology
The future of antibiofilm strategies
SESSION 5. RESTORING ANATOMY AND FUNCTION AFTER BIOFILM-RELATED INFECTIONS: COMPARING SOLUTIONS
Metal or Biology? How should we deal with septic bone defects today?
Shoulder
Knee
Hip
Cavitary Defects: cases presentation
Segmental Defects

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Invited Faculty

Elaine	Allan	United Kingdom
Tiziana	Ascione	Italy
Giuseppe	Banfi	Italy
Hans	Boesebeck	Germany
Elisa	Borghi	Italy
Elena	Bottinelli	Italy
Giorgio Maria	Calori	Italy
Rodolfo	Capanna	Italy
Massimo	Clementi	Italy
Pierangelo	Clerici	Italy
Gianfranco	Donelli	Italy
Lorenzo	Drago	Italy
Knut	Drescher	Germany
Francesco	Falez	Italy
Jamie	Ferguson	United Kingdom
Lars	Frommelt	Germany
Enrico	Gallazzi	Italy
Jan	Geurts	Netherland
Guido	Grappiolo	Italy
Olivier	Guillaume	Switzerland
Niels	Høiby	Denmark
Garth	James	USA

Daniel	Kendoff	Germany
Judith	Kikhney	Germany
Alexander	Kirienko	Italy
Guenter	Lob	Germany
Arianna B.	Lovati	Italy
Kostantinos	Malizos	Greece
Roberto	Mattina	Italy
Martin	Mcnally	United Kingdom
Enzo	Meani	Italy
Giulia	Morace	Italy
Anna Teresa	Palamara	Italy
Franco	Parente	Italy
Antonio	Pellegrini	Italy
Giuseppe	Peretti	Italy
Lorenzo	Pignataro	Italy
Mike	Reed	United Kingdom
Giovanni	Riccio	Italy
Carlo Luca	Romano'	Italy
Roberto	Rossi	Italy
Martin	Rottman	France
Luca	Sconfienza	Italy
Giuseppe	Sessa	Italy
Alberto	Signore	Italy
Sara	Torretta	Italy
Maria Teresa	Trentinaglia	Italy
Ernesto	Valenti	Italy
Heinz	Winkler	Austria
Luigi	Zagra	Italy

ORGANIZING SECRETARIAT

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