

# Milano Biofilm Meeting 2015

## *Implantables and Infection Control: a Promising Future ?*

*Biofilms and Bacteria, Host and Nutrition, Biomaterials and Implants*

**19<sup>th</sup> - 21<sup>st</sup> June 2015**

**"The Hub Hotel"**

**Via Privata Polonia 10 - Milan - Italy**

**Chairmen:** L. Drago - C. L. Romanò

**Honorary President:** E. Meani

*The most recent advances in fighting bacteria living in biofilms and in conferring antibacterial and antibiofilm properties to implanted biomaterials, the latest in reducing host's risk factors, with a specific focus on nutritional factors, will be presented and discussed by some of the leading experts in the field.*

*We are happy to welcome all participants and guests in the old and modern Milano, with its charming and elegant flavor still enriched by EXPO 2015, the worldwide exposition, hosted again in the economical and financial capital of Italy, after more than a century...*

*We look forward to seeing you in Milano !*

*Lorenzo Drago - Enzo Meani - Carlo L. Romanò*

**The Conference is being accredited by Health Ministry and Eucomed**

**Categories:**

**Orthopaedic Surgeon, Microbiologist, Odontologist, Biologist, Healthcare Assistant, Nurses, Laboratory Technician, Orthopaedic, Virologist, Biologist, Surgeon's Assistant, Infectious Disease Specialist, Traumatology, General Surgery, Physiotherapist, Radiology**

**N. 7.5 ECM**

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FEEDING THE PLANET  
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## Event Sponsored By





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# PROGRAMME

Friday 19<sup>th</sup> June 2015 **SIMULTANEOUS TRANSLATION FROM ENGLISH TO ITALIAN!**

13.30

## **Presentations**

### **Welcome and Introduction**

*G. Banfi - E. Bottinelli - E. Meani - L. Drago - C. L. Romanò*

13.40

## **Session 1**

### **Biofilms and Implant-Related Infections: the Basics**

*C. L. Romanò - H. Winkler*

What a clinician should know about biofilm-related infections

**C. Wagner**

What we can learn from animal models

**A. Lovati - C. L. Romanò - L. Drago**

Social and economical impacts

**K. Malizos**

Medico-legal aspects in orthopaedics and trauma

**M. Mariconda**

Discussion

**J. N. Argenson**

14.30

## ***Heraeus workshop***

### **“Host matters!” Improving high risk patient management**

*H. Bösebeck - C. L. Romanò - A. Soriano*

Host matters! The high risk patient and the role of infection risk factors

**C. L. Romanò**

Forty years of standard antibiotic prophylaxis: should we go a step forward?

**A. Soriano**

Antibiotic loaded bone cements: choosing the right one!

**H. Bösebeck**

Questions & Answers

15.30

## Session 2

### **Diagnosing Biofilm-Related Infections**

*L. Drago - A. Trampuz - R. Mattina*

New and old serological findings in implant-related infections: should we trust them ?

**A. Soriano**

Radiology and implant-related infections: tips and tricks

**A. Zerbi**

Imaging: is there a role for bone scan and PET scan ?

**M. Gallazzi**

Combined Diagnostic Tool: a possible APProach

**C.L. Romanò**

Discussion

**K. Kirketerp - Moeller**

16.30

## *Zimmer coffee workshop*

### **New frontiers in peri-prosthetic joint infection diagnosis: Synovasure PJI**

*C. L. Romanò*

Biomarkers today: the new frontier

**L.Drago**

Challenging diagnosis

**A.Baldini**

Synovasure® PJI clinical applications

**G.Riccio**

Zimmer Infection Management: what's next?

**M. Ferrando**

Questions & Answers



17.30

### Session 3

#### **Microbiological Diagnosis of Biofilm-Related Infections**

*M. Clementi - P. Clerici*

Microbiological diagnosis: the limits of current technologies

**R. Townsend**

Sonication: pros and cons. Why not yet in every hospital ?

**M. Clauss**

Microbiological practice: a survey of ISOC orthopaedic centers of excellence

**L. Drago**

Microbiological diagnostic protocol for prosthetic joint and fracture fixation devices infections from the Italian Association of Clinical Microbiologists (AMCLI)

**I. Caola - F. Tessarolo - L. Drago**

Microcalorimetry: from research to clinical application

**A. Trampuz**

Implants that feel bacteria: we are not so far

**D. Jahoda**

Discussion

**R. Townsend**

18.30

### *4i aperitive workshop*

#### **“MicroDTTect” Samples Transport and Processing System**

*L. Drago - S. Giannini*

New evolution in collecting and processing microbiological samples

**E. De Vecchi**

Technical aspects of MicroDTTect

**M. Pierro**

The Policlinico San Donato experience

**F. Randelli**

The G. Pini Institute experience

**G. M. Calori**

The Rizzoli experience

**M. Cadossi**

Questions & Answers

20.30

### **GALA DINNER**

08.00

## Session 4

### **Implant-Related Infections: Prevention Strategies**

*G. Morace - R. Capanna - R. Weinstein*

Antibiotics and biofilms

**A. Soriano**

Antifungals and biofilms

**E. Borghi**

Antibiotic-loaded bone cement: what I like and what I don't

**F. Randelli**

Cerament G as a prophylaxis for high risk patients and exposed fractures

**U. Tarantino - E. Gasbarra - R. Iundusi**

Antibiotic-PLLA coating in traumatology: research and clinical applications

**M. Berlusconi**

Implant coatings: rationale and reasons for a choice

**E. Meani - C. L. Romanò**

Dental Implant and biofilm prevention

**L. Francetti**

Anti-bacterial PRP: a possible new frontier ?

**S. Taschieri - M. Del Fabbro**

Lecture: Infection in oncological implants: reducing their impact now !

**R. Capanna**

Discussion

**K. Malizos**





10.15

*Novagenit coffee workshop*

**DAC<sup>®</sup> : Defensive Antibacterial Coating  
Applications and Early Clinical Results**

*E. Meani - C. Van Der Straeten*

DAC<sup>®</sup> rationale and pre-clinical data

**C. L. Romanò**

Our early clinical results in oncologic applications

**R. Capanna**

Our Experience with the DAC<sup>®</sup> Hydrogel in THA patients at risk

**N. Capuano**

DAC<sup>®</sup> in Trauma: The Department for Trauma Surgery Innsbruck early clinical results

**A. Danita**

The Galeazzi Orthopaedic Institute experience

**N. Logoluso - S. Scarponi - D. Romanò**

Larissa University clinical results in Prosthetic and Trauma surgery

**K. Malizos - P. Kiorpelidis - S. Chliapas**

Questions & Answers

11.15

**Session 5**

**Implant-Related Infections: Treatment Strategies in TJA**

*P. Massin - S. Giannini*

Cementless one-stage revision: why not?

**R. Morgan Jones**

Antibiotic-loaded bone grafts in one-stage treatment of infections

**H. Winkler**

Two-stage revision with preformed antibiotic-loaded spacers: a > 10 year experience

**C. L. Romanò**

One-versus two-stage: the French experience

**P. Massin**

One-versus two-stage: results of a systematic review of the literature

**D. George - F. Haddad**

The role of mega-implants

**G. M. Calori**

Discussion

**E. Meani**



12.30

## Session 6

### **Implant-Related Infections: Treatment Strategies in TRAUMA**

*R. Morgan Jones - A. Corradi*

Optimization of the selection process of a type of surgery in patients with osteomyelitis  
**C. Alizadeh**

External fixation as a salvage procedure for failed osteosynthesis  
**A. Kirienko**

Large bone defects after infection, treatment with intramedullary spacers, as salvage procedure  
**G. Lob**

Anti-biofilm strategies in chronic wound management  
**K. Kirketerp-Moeller**

Discussion  
**G. M. Calori**

13.30

### ***Bonalive - 4i lunch workshop***

### **Bacterial growth inhibiting bioactive glass: a new approach to bone defect management in infections and high risk patients**

*G. M. Calori – L. Drago*

Antibiofilm and antibacterial effect of BonAlive bioactive glass  
**L. Drago**

Clinical experience with BonAlive at Torino hospital  
**D. Aloj**

Clinical BonAlive experience in chronic osteomyelitis surgery  
**C. Alizadeh**

Personal BonAlive experience and multicenter trial results  
**C. L. Romanò**

Questions & Answers

14.30

## Session 7

### Special Cases Round Table

*F. Da Rin - L. Drago - G. Lob - C.L. Romanò*

**SICOT Infection Committee: the foundation of an international network**

*F. Da Rin*

#### What We Can Learn From This Case

Trauma	R. Accetta
Joint prosthesis	T. Ascione
Spine	M. Brayda-Bruno
Joint prosthesis	G. Burastero
Joint prosthesis	R. D'Anchise
Joint prosthesis	M. Franceschini
Joint prosthesis	A. Pellegrini
Hip	G. Riccio
Joint prosthesis	R. Rossi
Joint prosthesis	A. Sandri
Rheumatoid arthritis	R. Viganò
Trauma	L. Zagra
Joint prosthesis	E. Zottola

17.00

**LET'S VISIT EXPO !**





08.30

## Session 8

### Milano Biofilm Meeting Young Award 2015

*J. Stuyck - P. Massin - E. Meani - H. Winkler*

**Basic Research MBM 2015 Award**

**Clinical Research MBM 2015 Award**

**&**

### **Hands-on and Nurse Training course**

The role of the Product Specialist in the surgery room

**Assobiomedica**

A new approach to surgery room disinfection [4i]

**Md & Nurse & Specialist**

MicroDTTect [4i]

**Md & Nurse & Specialist**

Cerament G [BoneSupport]

**MD & Nurse & Specialist**

PALAMIX® e PALACOS® R+G pro [Heraeus]

**Md & Nurse & Specialist**

DAC [Novagenit]

**Md & Nurse & Specialist**

Cemex System [Tecres]

**Md & Nurse & Specialist**

PJI Management products: Synovasure® PJI & Disposables [Zimmer]

**Md & Nurse & Specialist**

Antibiotic-loaded bone cement and spacers [Biomet]

**Md & Nurse & Specialist**

12.00

### **Ongoing Brunch, adjourn and salutation**

## CONGRESS INFO:

### **Scientific Secretariat**

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### **Conference Secretariat**

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# Best Oral Presentation Awards

Dear Attendees at Milano Biofilm Meeting 2015,

On behalf of the Organizing Committee, we are pleased to welcoming you to the **Biofilm Meeting 2015, Implantables and Infections Control: a Promising Future**, which will be held at The Hub Hotel, Milan, Italy, on June 19<sup>th</sup>-21<sup>st</sup>, 2015.

**Organizers are glad to announce the awards for the best presentations at the Milano Biofilm Meeting 2015.**

The Scientific Committee will assign two awards, consisting in a prize of 1000 EURO each, to the under 45 years researchers attending the meeting as presenting author of an oral presentation in a dedicated session to be held on Sunday, June 21<sup>st</sup>. At least 15 finalists will be previously selected by the best posters received no later than June 5<sup>th</sup>.

Selection will be performed by evaluating the quality of research design as well as the value and the scientific relevance.

The two prizes will be awarded for the best **Clinical and Basic Science presentations**, respectively, standing out for their original and innovative research in the field of Biofilm and Implantable Infections.

**SUBMISSIONS WILL BE ACCEPTED UNTIL JUNE 5<sup>th</sup>, 2015**

EMAIL FOR SUBMISSION:  
[biofilmcongress@gmail.com](mailto:biofilmcongress@gmail.com)

## **Abstract form:**

A word page including a brief introduction, aim, material and methods and obtained results is the minimum submission requirement for applicants selection.

The Scientific Committee