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 event was partially funded by the European Union Seventh Framework Programme FP7/2007-2013 under the IDAC project (grant agreement n° HEALTH-F3-2011-277988)
FACULTY

Accetta Riccardo (Italy)
Alizadeh Chingiz (Azerbaijan)
Aloj Domenico (Italy)
Argenson Jean Noel (France)
Ascione Tiziana (Italy)
Baldini Andrea (Italy)
Banfi Giuseppe (Italy)
Berlusconi Marco (Italy)
Borghi Elisa (Italy)
Bösebeck Hans (Germany)
Brayda Bruno Marco (Italy)
Burastero Giorgio (Italy)
Cabitza Paolo (Italy)
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Corradi Alberto (Italy)
Da Rin Ferdinando (Italy)
D’Anchise Roberto (Italy)
Danita Adrian (Austria)
De Vecchi Elena (Italy)
Del Fabbro Massimo (Italy)
Drago Lorenzo (Italy)
Felisati Giovanni (Italy)
Ferrando Marco (Italy)
Franceschini Massimo (Italy)
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Haddad Fares (United Kingdom)
Iundusi Riccardo (Italy)
Jahoda David (Czech Republic)

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Massin Philippe (France)
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Scarponi Sara (Italy)
Soriano Alex (Spain)
Stuyck Jose (Belgium)
Tarantino Umberto (Italy)
Taschieri Silvio (Italy)
Tessarolo Francesco (Italy)
Townsend Robert (United Kingdom)
Trampuz Andrej (Germany)
Van Der Straeten Catherine (Belgium)
Viganò Roberto (Italy)
Vogely Charles (The Netherland)
Wagner Christof (Germany)
Weinstein Roberto (Italy)
Winkler Heinz (Austria)
Zagra Luigi (Italy)
Zerbi Alberto (Italy)
Zottola Enzo (Italy)
Presentations

Welcome and Introduction
G. Banfi - E. Bottinelli - E. Meani - L. Drago - C. L. Romanò

Biofilms and Implant-Related Infections: the Basics
C. L. Romanò - H. Winkler

13.30

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

13.40

Session 1

Heraeus workshop

“Host matters!” Improving high risk patient management
H. Bösebeck - C. L. Romanò - A. Soriano

14.30

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
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

**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

**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®: Defensive Antibacterial Coating Applications and Early Clinical Results**

*E. Meani - C. Van Der Straeten*

- DAC® rationale and pre-clinical data
- C. L. Romanò
- Our early clinical results in oncologic applications
  - R. Capanna
  - Our Experience with the DAC® Hydrogel in THA patients at risk
    - N. Capuano
  - DAC® 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  

**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*

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**What We Can Learn From This Case**

<table>
<thead>
<tr>
<th>Trauma</th>
<th>R. Accetta</th>
</tr>
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<tbody>
<tr>
<td>Joint prosthesis</td>
<td>T. Ascione</td>
</tr>
<tr>
<td>Spine</td>
<td>M. Brayda-Bruno</td>
</tr>
<tr>
<td>Joint prosthesis</td>
<td>G. Burastero</td>
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<td>R. D’Anchise</td>
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<td>Hip</td>
<td>G. Riccio</td>
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<td>R. Viganò</td>
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<tr>
<td>Trauma</td>
<td>L. Zagra</td>
</tr>
<tr>
<td>Joint prosthesis</td>
<td>E. Zottola</td>
</tr>
</tbody>
</table>

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17.00

**LET’S VISIT EXPO !**
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**

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**CONGRESS INFO:**

**Scientific Secretariat**

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**Conference Secretariat**

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biofilmcongress@gmail.com or Emanuela Mobile: +39 349 6715 086
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 19th-21st, 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 21st. At least 15 finalists will be previously selected by the best posters received no later than June 5th. 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 5th, 2015

EMAIL FOR SUBMISSION: 
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