INTERNATIONAL SYMPOSIUM ON
ANTIMICROBIAL RESISTANCE

INTERNATIONAL SYMPOSIUM ON
HEALTHCARE ASSOCIATED INFECTIONS

March 5-7, 2014
Cartagena, Colombia
Hotel Las Américas, Convention Center
WEDNESDAY, MARCH 5 / 14

7:00 - 8:30 Registration
7:30 - 8:15 Meet the expert

Morning session
Chairmen: Fernando Rosso and Marta Vallejo

8:30 - 9:15 Hand Hygiene, State-of-the-Art: Surveillance and Compliance
Robert Weinstein

9:15 - 10:00 Environmental Hygiene and Infection Prevention: an update
David Weber

10:00 - 10:15 Coffee break

10:15 - 11:00 Effective measures for the prevention of HAI: an update
Nalini Singh

11:00-12:00 Round table

12:15 - 1:45 Satellite symposiums

Afternoon session
Chairmen: Maria Virginia Villegas and Ernesto Martinez

2:00 - 2:45 Vaccination in the Healthcare worker and older patients
David Weber
2:45 - 3:30 Hospital-Acquired Infections and the role of de-colonization, an update
Robert Weinstein

3:30 - 4:00 Coffee break

3:30 - 4:15 Priorities for interventions in your hospital: tools and goals
Nalini Singh

4:15 - 5:00 Round table

6:00 – 9:00 Opening Ceremony: Joint Session with the 4th International ASM Conference on Enterococci
Antibiotics, microbiota and the gut
Keynote Speaker: Eric Pamer, MD.
Sloan Kettering Cancer Center, NY
Gram Negative Bacteria Symposium

THURSDAY, MARCH 6 /14

7:00 – 7:45  Meet the Expert

Morning session
Chairmen: Andres Zuluaga and German Esparza

8:00 – 8:30  Laboratory Approaches for Detection, Characterization, and Reporting of Important Resistance Mechanisms
Rafael Canton

8:30 –9:00  The latest on ESCAPE pathogens (focusing on Gram negative bacteria)
Louis Rice

9:30 –10:00  Pk/PD: lessons learned
Paul Ambrose

10:00 - 10:30  Coffee break

10:30-11:00  Treatment of pan resistant non-fermenters
Robert Bonomo

11:00 – 11:30  Colistin vs. Polimixin: new insights
Paul Ambrose

11:30-12:00  Antimicrobial Stewardship in the era of MDR bacteria: where is the evidence that it works.
Yehuda Carmeli

12:00 - 12:30  Round table
12:30 - 2:00  Satellite symposiums

Afternoon session
Chairmen: Maria Virginia Villegas and Adriana Correa

2:00 – 2:30  Carbapenemases: a worldwide overview
Giuseppe Cornaglia

2:30 – 3:00  Clone spread and dynamics of genetic elements in carbapenemases
David Livermore

3:00 – 3:30  KPC: a global scourge
Robert Bonomo

3:30 —4:00  Coffee Break

4:00 —4:30  E. coli ST131: a successful international MDR clone
Rafael Canton

4:30-5:00  NDM and other MBLs: have we lost the battle?
David Livermore

5:00-5:30  Round table
**Gram Positive Bacteria Symposium**

**FRIDAY, MARCH 7 / 14**

7:00 – 7:45  **Meet the Expert**

**Session 1: Enterococci.**
*(Joint Session with the 4th International ASM Enterococci Conference)*

**Conveners:** Cesar A. Arias and Michel Arthur

8:00 - 8:30 “State of the art” lecture: Novel peptidoglycan assembly pathways in the enterococci: contribution of gene acquisition and modification of preexisting regulatory circuits".
*Michel Arthur*

8:30 - 9:00 Novel antimicrobial combinations for the treatment of enterococcal infections.
*George Sakoulas*

9:00 - 9:30 Adaptive evolution of antibiotic resistance in enterococci.
*Yousif Shamoo*

10:00 - 10:30 Enterococcal vaccines.
*Johannes Huebner*

10:30 – 11:00: **Coffee break**

11:00 - 11:30: Enterococcal cell membrane and resistance to antimicrobial peptides.
*Cesar A. Arias*

11:30 – 11:45: **Oral presentation, selected abstract**

11:45 – 12:00: **Oral presentation, selected abstract**

12:10 – 12:50 Key Note Address: The Evolving Epidemiology and Dynamics of Antibiotic Resistant Pathogens
*Marc Bonten*

12:50 – 2:00 **Satellite Symposia**

**Session 2: Staphylococcus aureus Symposium.**

**Conveners:** Cesar A. Arias and Barbara E. Murray

2:00 – 2:30 Novel therapeutic approaches for the treatment of *S. aureus* infections
*George Sakoulas*

2:30 – 3:00 Community-Associated MRSA: An Update
*Henry S. Chambers*

3:00 – 3:30 Vancomycin Resistance in *S. aureus*
*Patrice Courvalin*

3:30 – 3:45 **Coffee break**

3:45 – 4:00 Mechanisms of resistance to new cephalosporins in MRSA
*Henry S. Chambers*

4:00 - 4:30 Cephalosporins and Methicillin Susceptible *S. aureus*
*Barbara E. Murray*

4:30 – 5:00 **Round Table**
Registration fees*

Full Registration:

- *Early registration* (until Nov 15/2013):
  USD 200
- Nov 16/2013 to March 5/2014:
  USD 300

International Student Registration:

USD 150

*Registration for the IV International ASM Conference on Enterococci is not included.
IV INTERNATIONAL ASM CONFERENCE ON ENTEROCOCCI

March 5-7, 2014
Cartagena, Colombia
Hotel Las Americas, Convention Center
Enterococcal Genomics and Pathogenesis

WEDNESDAY, MARCH 5 / 14

Session 1: Genomics and Evolution.

Conveners: Michael Gilmore – Rob Willems

8:30: “State of the art” lecture: The evolving biology of enterococci as revealed through genomics.
Michael Gilmore

8:30 - 9:00: Comparative genomics of the broad genus enterococcus.
Francois LeBreton.

9:00 - 9:30: Comparative E. faecium genomics.
Willem van Schaik.

10:00 - 10:30: The E. faecium resistome.
George Weinstock.

10:30 – 11:00: Coffee break

11:00 - 11:30: Comparative genomic analysis of E. faecalis.
Dag Anders Brede.

11:30 – 12:00: Genetic evolution of E. faecium and E. faecalis: similarities and differences.
Rob Willems.

12:00 – 12:15: Oral presentation, selected abstract

Session 2: Enterococcal Virulence.

Conveners: Barbara E. Murray and Axel Hartke

2:00 – 2:30: Understanding enterococcal pathogenesis: should we stick to adhesins?”
Barbara E Murray.

2:30 – 3:00 Understanding enterococcal pathogenesis: should we be stressed out about other things?
Axel Hartke.

3:00 – 3:30 sRNA: New actors in the stress response and virulence of Enterococcus faecalis.
Jean-Christophe Giard

3:30 – 4:00: Coffee break

4:00 – 4:30 Enterococcus faecalis virulence: a matter of colonization and adaptation
Pascale Serror.

4:30 – 5:00 Interactions between Enterococcus faecalis and Candida albicans mutually inhibit virulence.
Danielle Garsin.

5:00 – 5:15: Oral presentation, selected abstract

5:30 - 5:45: Oral presentation, selected abstract

6:00 – 9:00 Opening Ceremony: Joint Session with the 8th International Symposium on Antimicrobial Resistance Antibiotics, microbiota and the gut
Keynote Speaker: Eric Pamer, MD
Sloan Kettering Cancer Center, NY
Plasmids, resistance genes and horizontal transfer

THURSDAY, MARCH 6/14

Session 1: Structure, function and evolution of extrachromosomal elements:

Conveners: Gary Dunny and Haruyoshi Tomita.

8:00 - 8:30: “State of the art” Lecture: Enterococcal Sex.
Don Clewell.

8:30 - 9:00: Cell surface components of the pCF10 Conjugation Machine.
Peter Christie.

9:00 - 9:30: Molecular analysis of the pIP501 Type IV Conjugation System.
E. Grohmann.

10:00 - 10:30: Post-transcriptional mechanisms amplify the small direct effect of sex pheromones on conjugation.
Yuqing Chen.

10:30 – 11:00: Coffee break

11:00 - 11:30: Composite phages and competitive fitness.
Lora Hooper.

11:30 – 12:00: Analysis of highly conjugative pMG1-like plasmids.
Haruyoshi Tomita.

12:00 – 12:15: Oral presentation, selected abstract
12:15 - 12:30: Oral presentation, selected abstract

Session 2: Vancomycin Resistance and Beyond.

Conveners: Patrice Courvalin and Louis Rice

2:00 – 2:30: “State of the art” lecture: Evolution of the vanA operon and of Tn1546.
Patrice Courvalin.

2:30 – 3:00: Cfr and oxazolidinone resistance.
Alexander Mankin.

3:00 – 3:30: From single VanX, VanY to bi-functional VanXY resistance enzymes.
D. Meziane-Cherif.

3:30 – 4:00: Strategies to interrupt gastrointestinal colonization by glycopeptide resistant enterococci.
Louis Rice.

4:00 - 6:30: Poster Session # 1
Resistance, Metabolism and Ecology

FRIDAY, MARCH 7 / 14

Session 1: Mechanisms of Resistance and Therapy.
(Joint Session with the 8th International Symposium on Antimicrobial Resistance)

Conveners: Cesar A. Arias and Michel Arthur

8:00 - 8:30: “State of the art” lecture: Novel peptidoglycan assembly pathways in the enterococci: contribution of gene acquisition and modification of preexisting regulatory circuits. Michel Arthur.

8:30 - 9:00: Novel antimicrobial combinations for the treatment of enterococcal infections. George Sakoulas


10:00 -10:30: Enterococcal vaccines. Johannes Huebner.

10:30 – 11:00: Coffee break

11:00 - 11:30: Enterococcal cell membrane and resistance to antimicrobial peptides. Cesar A. Arias.

11:30 – 11:45: Oral presentation, selected abstract

11:45 – 12:00: Oral presentation, selected abstract

12:10 – 12:50: Key Note Address: The Evolving Epidemiology and Dynamics of Antibiotic Resistant Pathogens
Marc Bonten

Session 2: Metabolism and Ecology

Conveners: Danielle Garsin and Jose Lemos


2:30 – 3:00: Peptide transporters contribute to signaling in Enterococcus faecalis biofilm development. Lynn Hancock.

3:00 – 3:30: (p)ppGpp metabolism in Enterococcus faecalis: beyond the stringent response. Jose Lemos.

3:30 – 3:45: Oral presentation, selected abstract

3:45 – 4:00: Oral presentation, selected abstract

4:00 - 6:30: Poster Session # 2
Registration fees

Registration fees include access to all Enterococci conference sessions, Two joint Enterococci-ISAR sessions, ISAR Exhibit Hall, and Enterococci Poster Sessions.

For Online Registration please visit:

http://conferences.asm.org/
Speakers

- Paul Ambrose (USA)
- Cesar A. Arias (USA, Colombia)
- Michele Arthur (France)
- Robert Bonomo (USA)
- Marc Bonten (The Netherlands)
- Dag A. Brede (Norway)
- Yehuda Carmeli (Israel)
- Rafael Canton (Spain)
- Henry S. Chambers (USA)
- Peter Christie (USA)
- Yuqing Chen (USA)
- Don Clewell (USA)
- Giussepe Cornaglia (Italy)
- Patrice Courvalin (USA)
- Breck Duerkop (USA)
- Gary Dunny (USA)
- Danielle Garsin (USA)
- Jean-Christophe Giard (France)
- Michael Gilmore (USA)
- E. Grohmann (Germany)
- Lynn Hancock (USA)
- Axel Hartke (France)
- Johannes Huebner (Germany)
- Clayton Huntley (USA, NIAID)
- Francois LeBreton (USA)
- Jose Lemos (USA)
- David Livermore (UK)
- D. Meziane-Cherif (France)
- Alexander Mankin (USA)
- Barbara E. Murray (USA)
- Eric Pamer (USA)
- Louis Rice (USA)
- George Sakoulas (USA)
- Pascale Serror (France)
- Yousif Shamoo (USA)
- Nalini Singh (USA)
- Haruyoshi Tomita (Japan)
- George Weinstock (USA)
- Willem van Schaik (The Netherlands)
- Robert Weinstein (USA)
- Rob Willems (The Netherlands)
- David Weber (USA)
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*Taxes included in Price
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INTERNATIONAL SYMPOSIUM ON HEALTHCARE-
ASSOCIATED INFECTIONS

INTERNATIONAL ASM CONFERENCE ON
ENTEROCOCCI

Hotel Information and Reservations

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