International Symposium on Antimicrobial Resistance

Combating Bacterial Resistance: many sizes to fit all

Santiago de Cali, March 7th, 8th, 9th 2018

International Hotel

Academic Program

"Gato de Tejada"
Tejada’s Cat
Emblematic Monument
Santiago de Cali
Advances in Diagnosis: Transforming Infectious Diseases and The Study of Resistance

Satellite Symposia

Moderators: Germán Esparza and Lorena Díaz

2:00 – 2:30  Assessment of new rapid diagnostic platforms for the diagnosis of antimicrobial resistance.
Robin Patel, Mayo Clinic.

2:30 – 3:00  Diagnosis of resistance using whole genome sequencing: How far we can get?
Derrick Crook, Oxford University.

3:00 - 3:30  When the MIC is not helpful, Can genotype predict therapeutic success?
Cesar A. Arias, University of Texas.

3:30 – 4:00  Coffee break

4:00 – 4:30  Implementation of whole genome sequencing in the clinical laboratory
Derrick Crook, Oxford University.

4:30 - 5:00  Round table

5:00 – 5:30  Inauguration of the X International Symposium on Antimicrobial Resistance

Moderator: Cesar Arias

5:30 – 6:15  John P. Quinn Lecture:
Identifying mechanisms of resistance: from the lab to the clinician
David Livermore, University of East Anglia
7:00 – 8:30  Meet the Expert

Moderators: José Oñate and María Virginia Villegas

9:00 – 9:30  The role of the microbiology laboratory in the 21st century
Robin Patel, Mayo Clinic.

9:30 – 10:00  What’s hot in the treatment of bacterial MDR organisms?: A clinician perspective
David Van Duin, University of North Carolina.

10:00 – 10:30  Metallo-enzymes of Stenotrophomonas maltophilia and Burkholderia cepacia complex: A therapeutic challenge
Maria Fernanda Mojica, Universidad El Bosque.

10:30 – 11:00  Coffee break

11:00 – 11:30  Mechanisms of resistance to new B-lactam/B-lactamase combinations: Clinical impact
David Van Duin, University of North Carolina.

11:30 – 12:00  PK/PD considerations for optimizing beta-lactam/beta-lactam inhibitor combinations.
Vincent Tam, University of Houston.

12:00 – 12:30  Round table

LUNCH and Satellite Symposia
Moderators: Carlos Cataño and Cesar Arias

2:00 – 2:30  **New strategies for vancomycin dosage**  
Michael Rybak, Wayne State University.

2:30 – 3:00  **Emerging mechanisms of antibiotic resistance in Gram-positive bacteria: What have we learned**  
Jinnethe Reyes, Universidad El Bosque.

3:00 – 3:30  **Combination therapies for Gram-positive bacteria**  
Michael Rybak. Wayne State University.

3:30 – 4:00  **Coffee break**

4:00 – 4:30  **The pharmacology of the polymyxins: How to dose them**  
Vincent Tam, University of Houston.

4:30 – 5:00  **Tracking plasmid-mediated carbapenem resistance in Colombia: A challenge for infection control**  
Laura Rojas, Case Western Reserve University.

5:00 – 5:30  **AMS for surgical infections: what do we need to consider**  
Christian Eckmann MD, PhD.

5:30 – 6:00  **Carbapenemases: State of the art**  
David Livermore, University of East Anglia.

6:00 – 6:30  **Round table**
7:00 – 8:30  Meet the Expert

Moderators: José Fernando García and Ernesto Martínez

9:00 – 9:30  Cleaning and Antisepic Stewardship (CAS): a new paradigm
Christian Pallares, Universidad El Bosque.

9:30 – 10:00  Antibiotic Stewardship in the era of rapid diagnostics
Trish Perl, UT Southwestern, Dallas.

10:00 – 10:30  Coffee break

10:30 – 11:00  Effect of chlorhexidine bathing in preventing infections and reducing skin burden and environmental contamination: A review of the literature
Trish Perl, UT Southwestern, Dallas.

11:00 – 11:30  Setting up an Antimicrobial Stewardship Program: from the theory to the implementation
María Virginia Villegas, Universidad El Bosque.

11:30 – 12:00  Easy AMS outcomes: we can do it
Cristhian Hernández, Universidad El Bosque.

12:00 – 12:30  Round table

Satellite Simposia

2:00  Closure
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