

This is previous Antibiotics 2018 program
Antibiotics 2019 will be updated soon.

World Congress on **ANTIBIOTICS**

August 13-14, 2018 | Rome, Italy

August 13, 2018

Agenda

Day 1

Conference Hall: Adriano Hall

09:00-09:40

Registration

09:40-09:55

Opening Ceremony

09:55-10:00

Introduction by Moderator

10:00-10:35

Keynote Forum

Title: The pain-killer carprofen elicits pleiotropic mechanisms of bactericidal action with potential to reverse antimicrobial drug resistance in tuberculosis

Sanjib Bhakta, University of London, UK

10:35-11:10

Title: Antimicrobial use in aquaculture: Patterns and current knowledge on its contribution to the emergence and spread of antimicrobial resistance

Lucia Santos, University of Coimbra, Portugal

Networking & Refreshment Break 11:10-11:30 @ Foyer

11:30-12:05

Keynote Forum

Title: Activity of antibiotics against dormant *Mycobacterium tuberculosis*

Lanfranco Fattorini, Supranational Reference Laboratory of Rome, Italy

Oral Session I:

Antibiotic Therapy | Antibiotic resistance and prevention | Pharmacology of Antibiotics | Applications of Antibiotics | The Next Generation Approach of Antibiotics

Session Chair: **Sanjib Bhakta**, University of London, UK

Session Co-chair: **Lanfranco Fattorini**, Supranational Reference Laboratory of Rome, Italy

12:05 -12:30

Title: DNA-minor groove as a molecular target for the design of highly-effective anti-tubercular agents

Federico Brucoli, De Montfort University, UK

12:30-12:55

Title: Antibiotic resistance - Prospects of a novel remedy from natural products

Prakash U Tahliliani, Prime Ever Ayurvedic Research Laboratories, India

12:55-13:05

Group Photo

Lunch Break 13:05 - 14:00 @ Domus Aurea (Aventino+Palatino)

14:00-14:25

Title: Knowledge and beliefs on antimicrobial resistance among clinicians: Step towards antibiotics stewardship

Rucha Ridhorkar, NKP Salve Institute of Medical Sciences, India

Oral Session II:

Medical & Clinical Microbiology | Environmental Microbiology | Microbial Technology and Genetic Engineering | Pharmaceutical Microbiology

Session Chair: **Giulio Tarro**, Foundation de Beaumont Bonelli for cancer research, Italy

Session Co-chair: **Seiji Negoro**, University of Hyogo, Japan

14:25-14:50

Title: Sawdust and endocellulase: A review

D K Acharya, Parul University, India

14:50-15:15

Title: Numerical analysis of the adhesive interaction of bacterium and glass surface

Raimondas Jasevicius, Vilnius Gediminas Technical University, Lithuania

15:15-15:40

Title: Incidence of superficial mycosis infection among children in some elementary schools in Benin city, Nigeria

Francis Oronsaye, University of Benin, Nigeria

15:40-16:05

Title: Scaffold protein RACK1 protein potentially regulates IRES-mediated virus translation: A target for HIV-1 proliferation inhibition

Israa Abdullah Malli, King Saud bin Abdul-Aziz University, Saudi Arabia

Networking & Refreshment Break 16:05- 16:25 @ Foyer

16:25-16:50

Title: Fungal orbital infections in a tertiary eye center in Egypt

Mohamed A Eldesouky, Tanta University, Egypt

16:50-17:15

Title: *Talaromyces pinophilus* a pioneering fungi strain as phyto intensification

Dhaval Kumar Patel, Parul University, India

17:15-17:35

Video Presentation

Title: Antimicrobial resistant lactic acid bacteria with probiotics potentials isolated from caged broiler birds

Nsikak U Stephen, Akwa Ibom State University, Nigeria

Session Adjournment

August 14, 2018

Day 2

Conference Hall: Adriano Hall

09:30-10:05

Keynote Presentation

Title: Tumor liberated protein (TLP) as potential vaccine for lung cancer patients

Giulio Tarro, Foundation de Beaumont Bonelli for cancer research, Italy

Keynote Presentation

10:05-10:40

Title: Protein stability and subunit assembly of nylon hydrolase: Structural basis discriminating correct subunit assembly, aggregation, and intracellular degradation of precursor protein

Seiji Negoro, University of Hyogo, Japan

10:40-11:15

Title: Human ribonucleases and derived peptides to tackle antimicrobial resistance
Ester Boix, Universitat Autònoma de Barcelona, Spain

Net Working & Refreshment Break 11:15 - 11:35 @ Foyer

11:35-12:10

Title: Role of efflux pumps in drug resistance in *M. tuberculosis*
Mandira Varma-Basil, University of Delhi, India

Workshop

12:10-13:10

Title: Integrating interdisciplinary approaches to reverse the tide of antimicrobial resistance in global infectious diseases
Sanjib Bhakta, University of London, UK

Lunch Break 13:10 - 14:00 @ Domus Aurea (Aventino+Palatino)

Oral Session III:

Antibiotic Therapy | Antibiotics in Oncology | Genetics of Antimicrobial Resistance | Antibiotics for emerging & Re-Emerging Diseases

Session Chair: Sanjib Bhakta, University of London, UK

Session Co-chair: Lanfranco Fattorini, Supranational Reference Laboratory of Rome, Italy

14:00-14:25

Title: Growth dynamics and drug resistance pattern of methicillin resistant *Staphylococcus aureus* under the effect of panchgavya: Possible next generation cost effective natural drug

Anup kainthola, HNB Garhwal Central University, India

14:25-14:50

Title: Invasive Yeast Infections in ICU patients

Robert Simon, Jana Simonova Pavol Jozef Safarik University in Kosice, Slovak Republic

14:50-15:15

Title: Amide derivatives of vancomycin to overcome antibiotics resistance

Ahmad Hussien Tareq, Nanyang Technological University, Singapore

15:15-15:40

Title: Role of a medical student in antibiotic stewardship

Rucha Ridhorkar, NKP Salve Institute of Medical Sciences, India

15:40-16:00

Video Presentation

Title: Bee products and their biological effects

Aslı Ozkok, Hacettepe University, Turkey

Poster Presentations 16:00 - 16:30 @ Foyer

AB-01

Title: Use of the antibiotic finafloxacin for the treatment of infections caused by biological threat agents

Sarah V Harding, Defence Science and Technology Laboratory, Uk

AB-02

Title: Invasive yeast infection - complication in critically ill surgical patient

Jana Simonova, Pavol Jozef Safarik University, Slovak Republic

AB-03

Title: The treatment of complicated nosocomial infection of a dehiscant laparotomy wound

Robert Simon, Pavol Jozef Safarik University, Slovak Republic

AB-04

Title: Unravelling the anti-tubercular mode(s) of action of human antimicrobial RNases using a mycobacteria-infected macrophage model

Ester Boix, Universitat Autònoma De Barcelona, Spain

AM-01

Title: Bud poplar extract – chitosan films as multifunctional wound healing agent

Donatella Pietrella, University of Perugia, Italy

Coffee Break 16:05- 16:25 @ Foyer

Conference Adjournment

