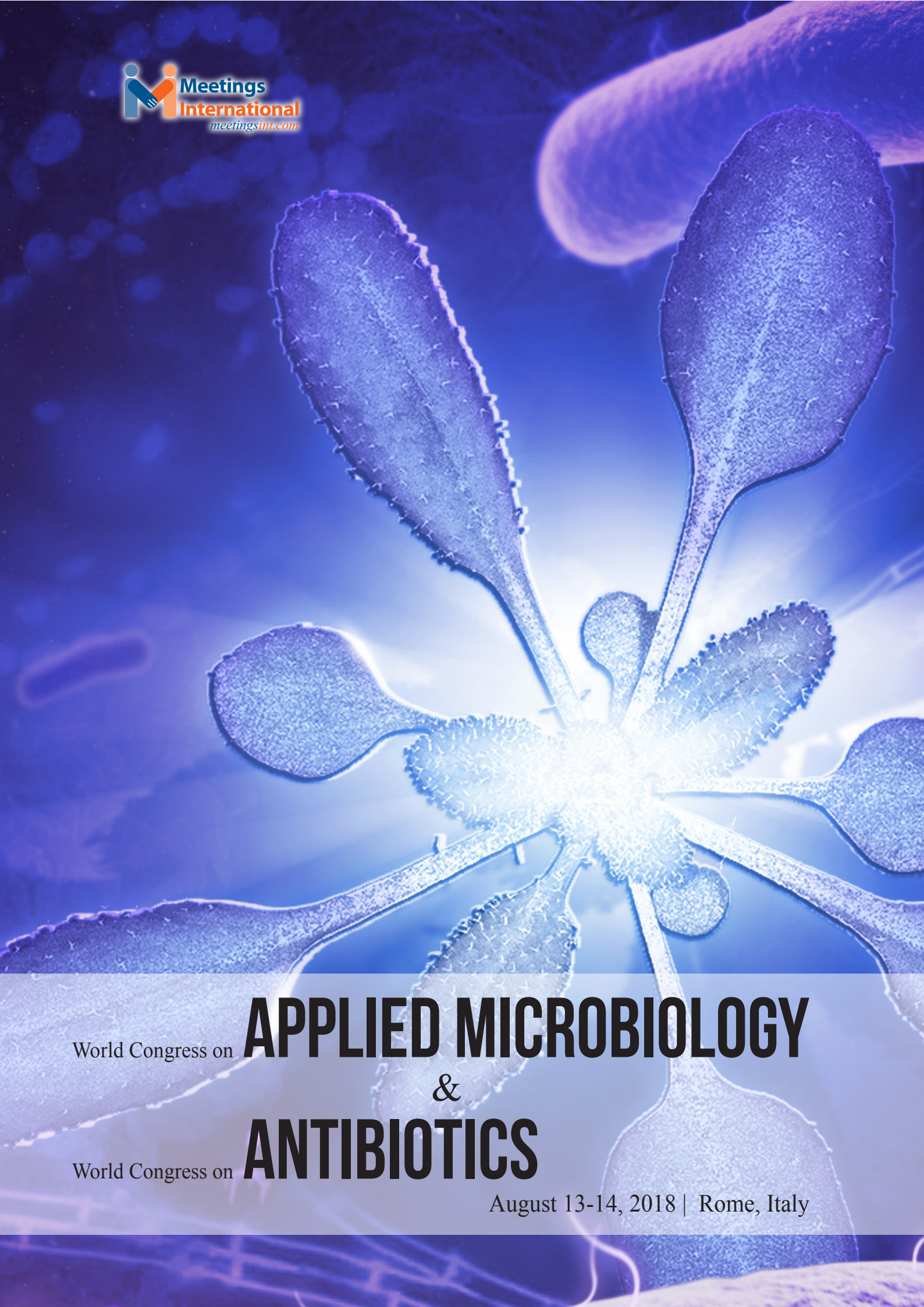


World Congress on

APPLIED MICROBIOLOGY

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World Congress on

ANTIBIOTICS

August 13-14, 2018 | Rome, Italy

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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 Approch 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 Tahiliani,** 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
Tittle: 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
Dhavalkumar 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

10:05-10:40

Keynote Presentation

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 Autonoma 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

12:10-13:10

Workshop

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 Hussen 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, Pavoj Jozef Safarik University, Slovak Republic

AB-03

Title: The treatment of complicated nosocomial infection of a dehiscent laparotomy wound
Robert Simon, Pavoj 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 Autonoma 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

