

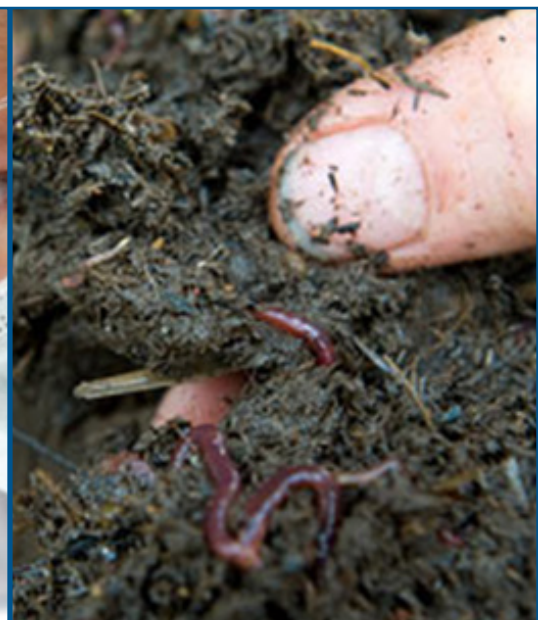
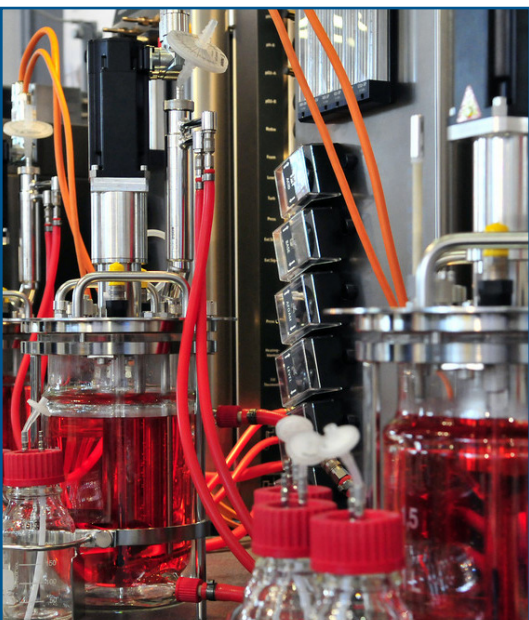
345th OMICS International Conference

Scientific Program

World Congress and Expo on

APPLIED MICROBIOLOGY

August 18-20, 2015 Frankfurt, Germany



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Registrations 08:00-09:00



09:00-09:25

Opening Ceremony

Keynote Forum

- 09:25-09:30 **Introduction**
- 09:30-10:00 **Biology of Myxobacteria – An Underestimated Group of Antibiotic Producing Bacteria**
Joachim Wink, Helmholtz Centre for Infection Research (HZI), Germany
- 10:00-10:30 **Exploiting bacterial diversity for the discovery of novel natural products**
Olga Genilloud, Fundación MEDINA, Spain
- 10:30-11:00 **Antibiotic from Bacillus, new compounds to solve an old problem**
Patrick FICKERS, Université de Liège, Belgium

Panel Discussion

Group Photo

Coffee break 11:00-11:15 @ Foyer

Track 2: Art of Manufacturing: Vaccines, Antibiotics, and Antimicrobials

Track 3: Bench to Bedside: Medical Microbiology

Track 9: Cost Effective Tools: Systems Biology & Bioinformatics

Track 10: Saving Lives: Modern Diagnostic Techniques

Track 13: Clinical Microbiology and Infectious Diseases

Session Introduction

Session Chair: Joachim Wink, Helmholtz Centre for Infection Research, Germany

Session Co-Chair: Olga Genilloud, Fundación MEDINA, Spain

11:15-11:35 **Enterovirus 71: Candidates for Vaccines and Antivirals**

Chit Laa Poh, Sunway University, Malaysia

11:35-11:55 **Influence of Anti estrogen therapy in patients with breast cancer in the bearing of *Candida spp***

Maria Isabel Brusca, Universidad de Buenos Aires, Argentina

11:55-12:15 **Evaluation of the rabbit as a laboratory model for Bovine Viral Diarrhea Virus infection**

Mostafa El-Gaffary, Cairo University, Egypt

12:15-12:35 ***Alkanna orientalis* (L.) Boiss. plant callus cultures as novel source with antibacterial activity**

Sahakyan Naira, Yerevan State University, Armenia

12:35-12:55 **In-vitro inhibition of BVDV as surrogate model for HCV using novel gold nanoparticles**

Mostafa El-Gaffary, Cairo University, Egypt

12:55-13:15 **Malnutrition, Infection & Disease**

Elizabeth Chiwoneso G Muchaneta Kubara, University of Zimbabwe College of Health Sciences, Zimbabwe

Lunch break 13:15-14:00 @ Foyer

14:00-14:20 **Coinfection of malaria and intestinal parasites among school children in Ajagba, Southwestern Nigeria**

Bolaji Oloyede Samuel, Ladoko Akintola University of Technology, Nigeria

14:20-14:40 **Paratuberculosis in Egypt and arab area**

Diea G. Abo El-Hassan, Cairo University, Egypt

14:40-15:00 **Primary cutaneous actinomycosis: A first case report from Kurdistan- Iraq**

Husham Bayazed, University of Zakho, Iraq

Young Reserachers Forum

15:00-15:20 **Towards rapid detection of *Staphylococcus aureus* during blood culture**

VincentTemplier, University Grenoble Alpes, France

Coffee break 15:20-15:35 @ Foyer

Young Reserachers Forum

- 15:35-15:55 **Feverlike Temperature is a Virulence Regulatory Cue Controlling the Motility and Host Cell Entry of Typhoidal Salmonella**
Dana Elhadad, Sheba Medical Center, Israel
- 15:55-16:15 **Isolation of plasmids from antimicrobial resistant faecal *Escherichia coli***
Ruth Aminu, Kogi State University, Nigeria

16:15-17:00

Workshop on Career Development for Young Researcher's
Dr. Diogo Neves Proença, University of Aviero, Portugal
ASM young ambassador (Portugal)

Poster Session 17:00-18:00

Poster Evaluation Committee: Kathrin Mohr, Helmholtz Centre for Infection Research, Germany

Poster Evaluation Committee: Alberto Scoma, University of Ghent, Belgium

Poster Evaluation Committee: Ze-Chun Yuan, University of Western Ontario, Canada

- AM-P1 **Technical Note On: Optimization of flocked swabs handling for automated processing**
Manuela Avolio, Clinical Microbiology & Virology of Pordenone Hospital, Italy
- AM-P2 **Rapid Detection of Viable Pathogenic *Yersinia spp.* by Fluorescence in Situ Hybridization**
Alexander Rohde, Federal Institute of Risk Assessment, Germany
- AM-P3 ***Candida spp.* in patients with celiac disease diagnosed in adulthood**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P4 **Study the adhesion of *Candida spp.* in orthodontic bands**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P5 **Study of the presence of *Candida spp.* in semi-retained third molars**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P6 **Evaluation of *Candida spp.* adherence to oral piercing**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P7 ***Candida spp.* in periodontal pockets of women who take combination oral contraceptives**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P8 **Evaluation of yeast contmination with orthodontic pliers**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P9 **Periodontal pathogens in women in treatment of assisted fertilization**
Maria Isabel Brusca, Universidad Abierta Interamericana, Argentina
- AM-P10 **A Plant-based Controlled Release Hard Capsule for Treatment of Intestinal Disease**
Wai Wa Tang, The Hong Kong Polytechnic University, Hong Kong
- AM-P11 **The effect of FtsZ inhibitor on the β -lactam resistant activity in methicillin-resistant *Staphylococcus aureus* (MRSA)**
Kwan Choi Cheung, The Hong Kong Polytechnic University, China
- AM-P12 **Molecular and serological Studies of Epidemiological *Equine Influenza Virus* in horses farms in KSA**
Faten Ahmad Alsulaimany, King Abdul-Aziz University, Saudi Arabia
- AM-P13 **Bovine *E.coli* subclinical mastitis in Egyptian delta**
Mostafa El-Gaffary, Cairo University, Egypt
- AM-P14 **Can Penicillin-Bound Nanoparticles Restore the Activity Of β -Lactam Antibiotics against Methicillin-Resistant *Staphylococcus Aureus***
Nashwa Khadr, Alexandria University, Egypt
- AM-P15 **New antimicrobials produced by *Leuconostoc* bioactive strains against pathogenic bacteria**
BELLIL Yahia, Oran University, Algeria
- AM-P16 **Association between Hepatitis B Virus and Celiac Disease Patients in Khartoum State, Sudan**
Shiraz Gamal, Al Née Iain University, Sudan
- AM-P17 **Real-time Detection of Adenovirus and Faecal Indicator Bacteria in the Discharged Final Effluents of two Wastewater Treatment Facilities in the Eastern Cape Province of South Africa**
Martins Ajibade Adefisoye, University of Fort Hare, South Africa
- AM-P18 **Comparative genomic analysis of genus *Amycolatopsis*: Revealing their phylogeny, functional attributes and potential to produce variety of secondary metabolites**
Rashmi Kumari, University of Delhi, India
- AM-P19 **Genetic Manipulation of Rifamycin Polyketide Biosynthetic Gene Cluster of *Amycolatopsis mediterranei* S699 for production of Rifamycin B analogs**
Priya Singh, University of Delhi, India

E Posters

- AM-P20** **Phytochemical and antimicrobial activity of *Salvadora persica* (miswak) against some animal pathogens**
Rehab Mohamed Atta El-Desoukey, National Research Center, Egypt
- AM-P21** **Detection of High Level Aminoglycoside Resistance (HLAR) beta lactamase production and vancomycin resistance among Enterococcal isolates in Alexandria Main University Hospital**
Sarah M Mazloun, Alexandria University, Egypt
- AM-P22** **Activity of doxorubicin against *Leishmania tropica***
Ahmad Alali, Leishmania Center for Epidemiological and Biological Studies, Syria
- AM-P23** **Study on Hard Tick species found in Golpayegan County, Esfahan Province, Center of Iran, summer and autumn 2014 and winter 2015**
Peyvand Biglari, Islamic Azad University, Iran
- AM-P24** **Cloning of the recombinant cytochrome P450 Cyp141 protein of *Mycobacterium tuberculosis* as a diagnostic target and vaccine candidate**
Mohammad Rabiee Faradonbeh, Islamic Azad University, Iran
- AM-P25** **D-MRTPCRHPIV: Designing a multiplex reverse transcriptase-PCR for simultaneous detection of parainfluenza viruses types 1-4**
Maryam GhelichKhan, Shahid-Beheshti University, Iran
- AM-P26** **Simultaneous detection of Human Parainfluenza Viruses 1, 2, 3, and 4 in patients with influenza-like illness using a multiplex real-time PCR**
Mahboobeh Ramezannia, Shahid Beheshti University, Iran
- AM-P27** **Prevalence rate of *Klebsiella pneumonia* in the ICU: Molecular and epidemiological characteristics**
Soad A Abdallah, Ain Shams University, Egypt

End of Day 01