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5th International Conference on

# Microbial Physiology and Genomics

September 29-30, 2016 London, UK

## Scientific Program



## Day 1 September 29, 2016

09:00-10:00 Registrations

## Meeting Room 5&6

conferenceseries.com 10:00-10:15 **Opening Ceremony**

## Keynote Forum

10:15-10:45 **Title: Risk Awareness of Disease and Infection Undergraduate Study (RADIUS) Combining Teaching, Research and Community Service**
**Mohannad Al Saghir,** Ohio University, USA

Coffee Break 10:45-11:05 @ Concorde Foyer

11:05-11:35 **Title: Uridylation-induced RNA degradation in mitochondria of trypanosomes: mechanisms, targets and evolution**
**Ruslan Afasizhev,** Boston University School of Dental Medicine, USA

## Session 1: Industrial Microbiology | Microbial Screening and Physiology | Microbial Diseases | Advanced Microbial Genetics | Microbes and Environments | Microbial Metabolism | Metabolism Diversity in Microbes | Microbial Genetics - Problems

**Session Chair: Mohannad Al Saghir,** Ohio University ,USA
**Session Co-Chair: Ruslan Afasizhev,** Boston University School of Dental Medicine,USA

Session Introduction

11:35-12:00 **Title: Enhancement of the bactericidal activity of antibiotics in hypoxic biofilms as seen in patients with chronic pulmonary disease.**
**Mette Kolpen,** University of Copenhagen, Denmark

12:00-12:25 **Title: Ultra-fast drug resistance predictions from NGS sequence data using Cloud Computing**
**Ella Cullen,** University of Stirling, United Kingdom

Lunch Break 12:25-13:25 @ Aromi Restaurant

13:25-13:50 **Title: Application of Proteomics in the study of Microbial Physiology: taking advantage of changes in the microbe's normal functions under stress conditions**
**Arinze Okoli,** Genok - Centre for Biosafety, Norway

13:50-14:15 **Title: Influence of Temperature and pH on the Growth of *Lactobacillus reuteri* ATCC 23272 using Optical Density assay**
**Khalid Habib,** Baghdad-University, Iraq

14:15-14:40 **Title: Diverse fitness associated with resistance to fluoroquinolones influenced the clonal dynamics of various multiresistant pathogens**
**Miklos Fuzi,** Semmelweis University, Hungary

14:40-15:05 **Title: Strong antibiotic production is correlated with an oxidative metabolism in *Streptomyces***
**Marie Joelle Virolle,** University Paris Sud, France

15:05-15:30 **Title: Pentatricopeptide repeat (PPR) RNA binding proteins regulate mRNA processing in mitochondria of *Trypanosoma brucei***
**Inna Afasizheva,** Boston University School of Dental Medicine, USA

Coffee Break 15:30-15:50 @ Concorde Foyer

Panel Discussion

## Day 2 September 30, 2016

## Meeting Room 5&6

**WORKSHOP**

**10:00-11:00** **Title: Physiological aspects of antibiotic resistance in bacteria**

**Miklos Fuzi,** Semmelweis University, Hungary

**Coffee Break 11:00-11:20 @ Concorde Foyer**

**11:20-12:20** **Title: The cMeeting Room 5&6enge to discover novel antibiotics**

**Marie Joelle Virolle,** University Paris Sud, France

**Lunch Break 12:20-13:20 @ Aromi Restaurant**

**13:20-14:20 @ Poster Presentations**

**Poster Judge: Miklos Fuzi,** Semmelweis University, Hungary

**P01** **Title: Study of antibiotic resistences of strains of *Campylobacter jejuni* from farm and chicken meat**

**Verónica García,** Universidad de Santiago de Chile, Chile

**P02** **Title: Genetic analysis of *Serratia plymuthica* using transposon mutagenesis to investigate the production of secreted antimicrobial activity**

**Mai Al Ghanem,** Heriot-Watt University, UK

**P03** **Title: Metabolic Flux analysis of nitrogen-fixing bacteria**

**Khushboo Bora,** University of Oxford, UK

**P04** **Title: The comparison of *C. coum or C. coum* –ciprofloxacin treated biofilms with un- treated by 2-DE method**

**Morvarid Shafiei,** Pasteur Institute of Iran, Iran

**P05** **Title: Physiological and metabolic potentials of subseafllor microbial communities up to 31 and 136 meters below the seafloor.**

**GaboyerFrédéric,** Centre de Biophysique Moléculaire – CNRS, France

**P06** **Title: Transcriptomic analysis of *Zymomonas mobilis* under SOS-induction**

**Giannis Savvakis,** National and Kapodistrian University of Athens, Greece

**P07** **Title: Identification of the response pathways of *Escherichia coli* and *Enterococcus faecalis* to glyphosate and its major breakdown compound aminomethyl phosphonic acid (AMPA)**

**Kabelo Stenger,** Genok Center for Biosafety, Norway

**Coffee Break 14:30-14:50 @ Concorde Foyer**

**Panel Discussion**

**Awards & Closing Ceremony**

## Bookmark your dates

6th International Conference on

# Microbial Physiology and Genomics

August 02-03, 2017 Milan, Italy

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