Tentative Program



Annual Conference on

Microbes and Beneficial Microbes

October 16-17, 2017 Baltimore, Maryland, USA



For available speaker slots

www.beneficialmicrobes.conferenceseries.com

Conference Secretariat

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Scientific Program

Day 1 - October 16, 2017

	Registrations
	Opening Ceremony and Introduction 08:30-08:55
	Keynote Presentations
08:55-09:00	**Introduction**
09:00-09:30	**Title: Evolution by tumor neofunctionalization and expression of evolutionarily novel genes in tumors**
	Andrei Kolzov, Peter The Great St Petersburg Polytechnic University, Russia
09:30-10:00	**Title: Selective Myeloperoxidase-Bacteria Binding and Killing: Mechanism for Establishing and Maintaining Lactic Acid Bacteria (LAB) as Normal Flora**
	Robert C. Allen,Creighton University School of Medicine, USA
10:00-10:30	**Title: The inflammatory infiltrate in the acute stage of the dextran sulphate sodium induced colitis and why it still matters**
	Liljana Stevceva, The University of Texas Rio Grande Valley School of Medicine, USA
10:30-11:00	**Title: Progress and Challenges: What's Happened to Keystone Taxa and their Metagenomic Footprints in Human Gut Microbial Cometabolism ?**
	Linda Duffy, National Institutes of Health NIH/DHHS, USA
	Group Photo 11:00-11:05
	Coffee Break 11:05-11:20
11:20-11:50	**Title: Genetic control and regulation of the biosynthesis of isoprenoids in the red yeast *Xanthophyllomyces dendrorhous***
	Jennifer Alcaino, Universidad de Chile - Santiago – Chile
	Scientific Session/Tracks
	Bacteriology | Virology | Vaccines & Vaccinology| Medical & Pharmaceutical Microbiology / Clinical Microbiology & Microbial infections / Industrial Applications of Microbes | Microbial Genomes | Field of Probiotics |Microbes in Human welfare/ Soil Microbiology & Agricultural Microbiology | Microbial EnzymesMicrobial Enzymes
	Session Introduction
	Session Chair: Andrei Kolzov,Director of the Biomedical Center, Russia
11:50-12:10	**Title:Characterizing temporal and inter-individual functional differences in pre-term human infant gut microbiome development by a metaproteomics approach**
	Robert Hettich, Oak Ridge National Laboratory, USA
12:10-12:30	**Title: Biochemical and molecular activities of *Candida albicans* treated with medicinal plants**
	Awatif Al-Judaibi, King Abdulaziz University, KSA
12:30-12:50	**Title: Control of lupus nephritis by changes of gut microbiota**
	Xin Lu, Virginia-Maryland College of Veterinary Medicine,USA
12:50-13:10	**Title: Galectin-9 as a potential biomarker of immune reconstitution inflammatory syndrome in HIV+ patients who begin antiretroviral therapy**
	Lucero Ramon-Luing, National Institute of Respiratory Diseases Ismael Cosio Villegas, Mexico
	Lunch Break 13:10-13:55
13:55-14:15	**Title : Prevalence, concentration and the related microbiological risk of bacterial pathogens in raw produce and minimally processed packaged salads produced in and for the Netherlands.**
	Lucas Wijnands,National Institute for Public Health and the Environment, Netherlands
14:15-14:35	**Title: Evaluation of histopathological effects of contaminated unexpired gentamicin and penicillin g injections on the kidney tissues of juvenile Wistar rats**
	Takon Iquo Asu, University of Calabar, Nigeria
14:35-14:55	**Title: Influence of diazotrophic bacteria on growth and biomass production of sugarcane *in vitro***
	A R M Solaiman, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Bangladesh
	Workshop @ 14:55-17:55
	Session Chair: Maria Hoffmann, FDA/Center for Food Safety and Applied Nutrition (CFSAN), USA
	Session Co-Chair: Jie Zheng

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	Title: Applied genomics approaches for understanding pathogenic and beneficial microbes from farm to fork
	Maria Hoffmann, FDA/Center for Food Safety and Applied Nutrition (CFSAN), USA
	Title: Beneficial Phytobiota in Agricultural Microbiomes
	Andrea Ottesen, CFSAN (Center for Food Safety and Applied Nutrition), USA
	Title: Foodborne pathogen detection and bacterial community profiling of surface and nontraditional irrigation water sources in the Mid-Atlantic: a CONSERVE study
	Sarah Allard, CONSERVE, USA
	Networking Break 15:35-15:50
	Title: *Salmonella* , Tomatoes and the Delmarva Peninsula
	Rebecca Bell, Food Safety and Applied Nutrition, USA
	Title: Discovery of Naturally-occurring broad-spectrum cyclic antibiotics from *Paenibacillus alvei*
	Jie Zheng, Food and Drug Administration (FDA), USA
	Title: Whole genome and core genome analyses of *Listeria monocytogenes* associated with recent outbreaks
	Yi Chen, Center for Food Safety and Applied Nutrition, USA
	Panel Discussions
	Day 2 - October 17, 2017
	Keynote Presentations
	Introduction
09:00-09:30	**Title: Beneficial Probiotic Yeast *S. boulardii* - Towards a Mechanistic Understanding**
	Margret More, DendroPharm GmbH, analyze & realize ag, Germany
09:30-10:00	**Title: Imbalances in the oral mucosal microbiota associated with oral mucosal diseases**
	Youngnim Choi, Seoul National University School of Dentistry, Korea
10:00-10:30	**Title: Cell wall stress response in *Pseudomonas aeruginosa* : Involvement of the ECF sigma factor SigX**
	Sylvie Chevalier, Normandy University, France
10:30-11:00	**Title: Amino acid catabolism of *Thermoanaerobacter* and *Caldanaerobacter* species**
	Johann Orlygsson, University of Akureyri, Iceland
	Coffee Break 11:00-11:20
	Scientific Session/Tracks
	Industrial Microbiology & Food Microbiology| Environmental Microbes | Microbial Antibiotics| Antimicrobials and Chemotherapy / Systems Biology & Bioinformatics / Microbial Ecology | Pathogenic Microbes | Microbes in Aqua | Biofuels & Petroleum Microbiology | Geo Microbiology
	Session Introduction
	Session Chair: Chris D. Geddes,Director of the Institute of Fluorescence, USA
11:20-11:50	**Title: Microbiology Technology for Environmental Sustenance**
	Shaon Ray Chaudhuri, Tripura University, India
11:50-12:10	**Title: Chronic wound intervention with contour-fitting probiotic gauze: Re-establishing the benefical microbial library within**
	John Thomas, Professor Emiretus, USA
12:10-12:30	**High density polyethylene and polylactide biodegradation by microorganisms – preliminary studies**
	Anna Kowalczyk, Jagiellonian University, Poland
12:30-12:50	**Title: Effect of Diazotrophic Biofertilizers in Combination with Urea on Growth and Biomass Production of Sugarcane**
	Gazi Md. Akram Hossain, Bangladesh Sugarcrop Research Institute, Pabna
12:50-13:10	**Title: Bacterial Glycosyltransferases that Inhibit Innate Immunity**
	Philip Hardwidge, Kansas State University, USA
	Lunch Break 13:10-13:55
13:55-14:15	**Title: Synergistic activity between Echinophora platyloba DC ethanolic extract and azole drugs againstclinical isolates of Candida albicans from women suffering chronic recurrent vaginitis**
	Majid Avijgan, Isfahan University o Medical Sciences, Iran.
14:15-14:35	**Title: Computer generated decision suport for probotic guideline addressing artificial intellegnece: An educational strategy/resource**
	John Thomas, Professor Emiretus, USA

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14:35-14:55	**Title: TBD**
	Chris D. Geddes,Director of the Institute of Fluorescence, USA
14:55-15:15	**Title: Expeditious modus operandi to procure commingled single cell protein and its uses in intractable diseases**
	Bharat Kwatra, St. Mark's school.Delhi, India
15:15-15:40	**Title: Identification and characterization of alternative antimicrobials against *Gardnerella vaginali***
	Megan Ross, Laurentian University, Canada
15:40-16:00	**Title: Laboratory analysis of antimicrobial properties of honey**
	Lucy Mong'Ina Iteba, University Of Nairobi,School Of Biological Sciences, Kenya
	Networking Break 16:00-16:20
16:20-16:40	**Title: Probiotics for photoprotection**
	Audrey GUENICHE , L'OREAL Research & Innovation, France
16:40-17:00	**Title: Low temperature extends lifespan of pine wood nematode (*Bursaphelenchus xylophilus*) through cGMP pathway**
	Wang Bowen, Northeast Forestry University School of Forest, China
17:00-17:20	**Title: Animal farming in South Africa: Antibiotics use and antibiotic resistance**
	Christy Echakachi Manyi-Loh, University of Fort Hare, South Africa
17:20-17:50	**Title: Quorum Sensing Inhibition may mediate anti-microbial efficacy of Quellthera EPQ-100 botanical drug candidate against multi-drug resistant ESKAPE pathogens.**
	Kiran H. Bijlani, Emery Pharma, USA
	Panel Discussions
	Closing Cermony

Speaker/Presentation Slots are available...

Submitting your Abstract

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https://beneficialmicrobes.conferenceseries.com/abstract-submission.php

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Major Scientific Sessions

- Environmental Microbes
- Microbes in Food
- Microbes in Pharma
- Microbes in Aqua
- Microbes in Beverages Industries
- Field of Probiotics
- Microbes in Agriculture
- Microbial Biofuels
- Microbial Antibiotics
- Industrial Applications of Microbes
- Microbial Genomes
- Microbial Ecology
- Microbes in Human welfare
- Microbial Enzymes
- Pathogenic Microbes

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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Conference Venue

Baltimore, Maryland, USA

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Microbiology 2016 Conference Glimpses





















Beneficial Microbes 2016 Conference Glimpses









About Baltimore, Maryland, USA

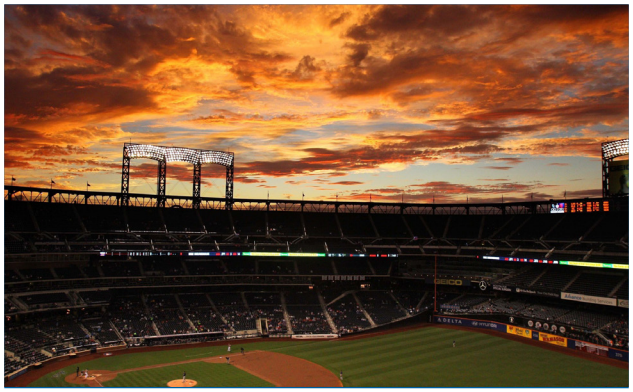
Founded in 1729, Baltimore is the second largest seaport in the Mid-Atlantic. Baltimore's Inner Harbor was once the second leading port of entry for immigrants to the United States and a major manufacturing center. After a decline in major manufacturing, industrialization and rail transportation, Baltimore shifted to a service-oriented economy, with the Johns Hopkins Hospital (founded 1889), and Johns Hopkins University (founded 1876), now the city's top two employers. Baltimore is in north-central Maryland on the Patapsco River close to where it empties into the Chesapeake Bay. The city is also located on the fall line between the Piedmont Plateau and the Atlantic Coastal Plain, which divides Baltimore into "lower city" and "upper city". The city's elevation ranges from sea level at the harbor to 480 feet (150 m) in the northwest corner near Pimlico. The city is rich in architecturally significant buildings in a variety of styles. The Baltimore Basilica (1806–1821) is a neoclassical design by Benjamin Latrobe, and also the oldest Catholic cathedral in the United States. In 1813 Robert Cary Long, Sr., built for Rembrandt Peale the first substantial structure in the United States designed expressly as a museum. Restored, it is now the Municipal Museum of Baltimore, or popularly the Peale Museum. The streets of Baltimore are organized in a grid pattern, lined with tens of thousands of brick and formstone-faced rowhouses. In The Baltimore Rowhouse, Mary Ellen Hayward and Charles Belfoure considered the rowhouse as the architectural form defining Baltimore as "perhaps no other American city. In the mid-1790s, developers began building entire neighborhoods of the British-style rowhouses, which became the dominant house type of the city early in the 19th century. Under the Köppen classification, Baltimore lies within the humid subtropical climate zone (Cfa), with four distinct seasons, and is part of USDA plant hardiness zones 7b and 8a. Winters are chilly but variable, with sporadic snowfall: January has a daily average of 35.8 °F (2.1 °C),though temperatures reach 50 °F (10 °C) rather often and drop below 20 °F (–7 °C) when Arctic air masses affect the area.



Plan your Trip to Baltimore, Maryland, USA



American Visionary Art Museum



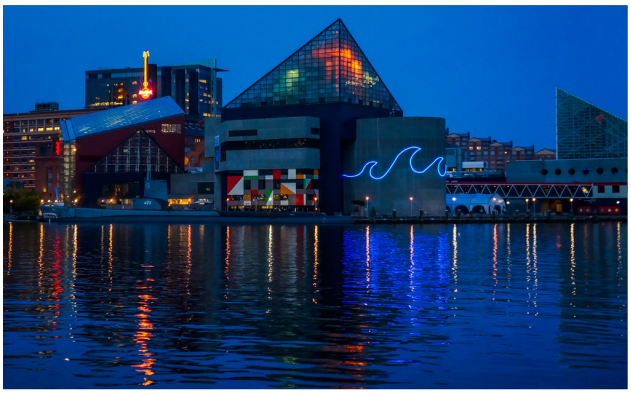
Camden Yards



Fort Mchenry



Historic Ships in Baltimore



National Aquarium Baltimore



Walters Art Museum

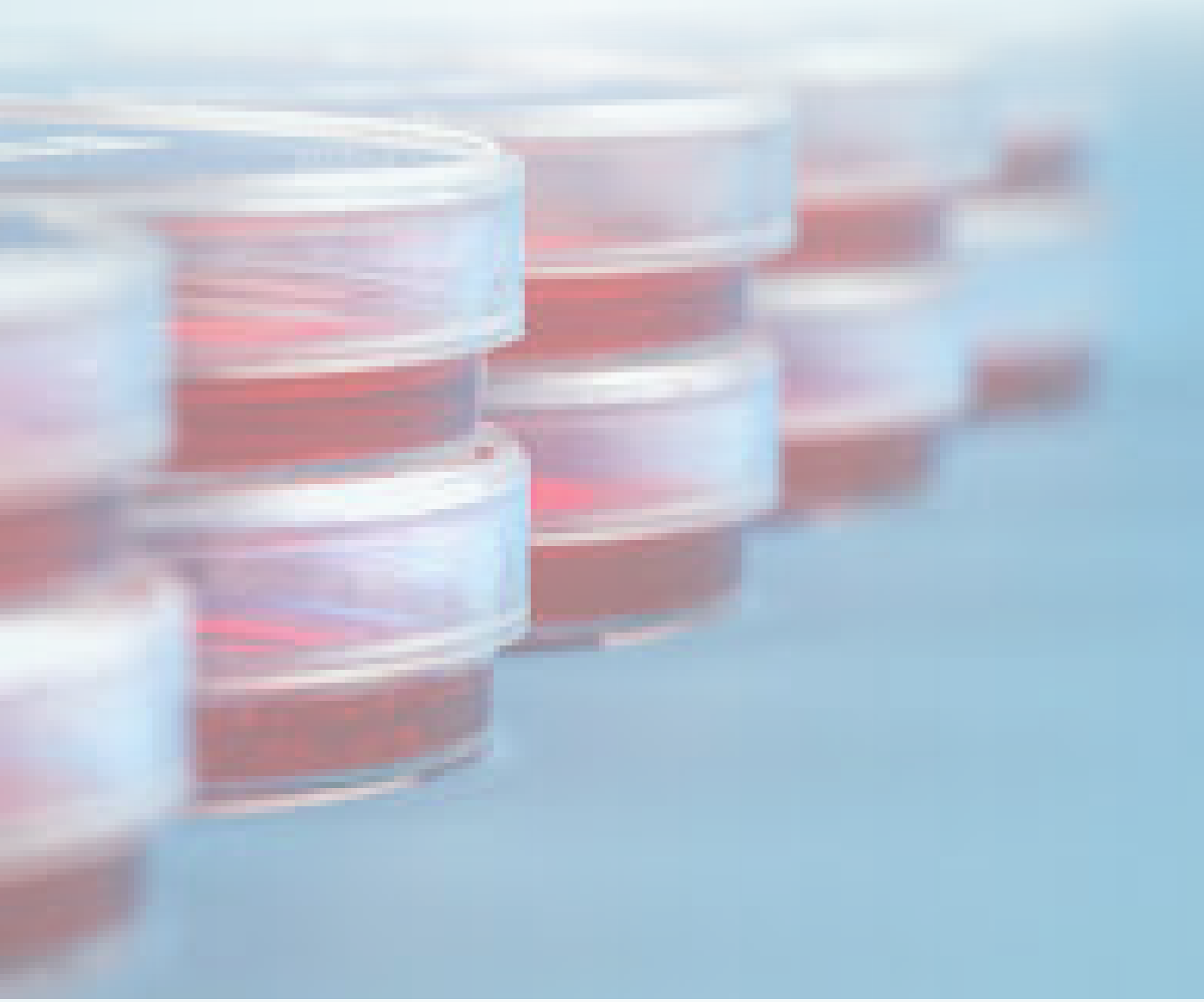
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2nd World Congress on

Beneficial Microbes: Food, Pharma, Aqua & Beverages Industry

September 22-24, 2016 Phoenix, USA

Scientific Program



Day 1 September 22, 2016

Registrations

Buckhorn

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Opening Ceremony

Keynote Forum

Introduction

Title: Evolutionary genetics of microbe-plant symbioses: A conduit for constructing the sustainable crop production systems

Provorov Nikolai, All-Russia Research Institute for Agricultural Microbiology, Russia

Coffee Break

Workshop

Title: Diversity, evolution and application of microbe-plant interactions in sustainable agriculture

Organizer: Dr.Provorov Nikolai, Deputy Director in research of All-Russia Research Institute for Agricultural Microbiology

Title: Molecular evolution of paralogous symbiotic receptor kinase genes in pea (*Pisum sativum* L)

Vladimir A Zhukov, All-Russia Research Institute for Agricultural Microbiology, Russia

Title: The role of plant growth promoting microbes in the maintenance of the mysterious fairy circles of Namibia

Jacobus Johannes Marion Meyer, University of Pretoria, South Africa

Title: Biodiversity of naturally transgenic Linaria plants

Tatiana V Matveeva, St. Petersburg State University, Russia

Title: Application of biosurfactant for general welfare of economically important crops with special reference to management of phytopathogenic fungi

Suresh Deka, Institute of Advanced Study in Science and Technology, India

Lunch Break

Title: The pea (*Pisum sativum* L) selectivity towards nitrogen-fixing microsymbiont caused by receptor-like kinase gene *LykX*

Anton Sulima, All-Russia Research Institute for Agricultural Microbiology, Russia

Title: Evolutionary genetics of microbe-plant symbioses: A conduit for constructing the sustainable crop production systems

Provorov Nikolai, All-Russia Research Institute for Agricultural Microbiology, Russia

Title: Bacterial endophytes of grapevine (*Vitis vinifera* L.) as beneficial partners for the effective plant-microbial systems

Vladimir Kuzmich Chebotar, All-Russia Research Institute for Agricultural Microbiology, Russia

Video Presentation

Title: Bioprocess optimization and purification of highly stable protease from a novel thermophilic strain of *Streptomyces* sp. MST-3

Maryam Shafique, Federal Urdu University of Arts, Science and Technology, Pakistan

Coffee Break

Day 2 September 23, 2016

Buckhorn

Keynote Forum

Title: An Overview of Thermophilic Bioprocessing of Solid Wastes to Biofuels
Rajesh Sani, South Dakota School of Mines and Technology, USA

Coffee Break

Session 1: Microbes Potential Uses | Industrial Applications of Microbes | Environmental Microbiology | Applications of Extremophiles

Session Chair: Choong-Min Kang, California State University, USA
Session Co-Chair: Eman M Khalaf, University of Guelph, Canada

Session Introduction

Title: Reduction of feedback inhibition in homoserine kinase (ThrB) enhances the L-threonine biosynthesis
Choong-Min Kang, California State University, USA
Title: Extremophiles in biofuel synthesis from solid wastes
Rajesh Sani, South Dakota School of Mines and Technology, USA
Title: Taxonomic diversity of cucurbit seed associated endophytes
Eman M Khalaf, University of Guelph, Canada

Lunch Break

Poster Presentations

P01 **Title: Study of sequences in *Nicotiana* genomes acquired from *Agrobacterium* by horizontal gene transfer**
Galina Khafizova, Saint-Petersburg State University, Russia

P02 **Title: Physiological functions of the CreBC two-component regulatory system in *Stenotrophomonas maltophilia***
Tsuey-Ching Yang, National Yang-Ming University, Taiwan

Coffee Break

Day 3 September 24, 2016

Networking

Coffee Break:
Lunch Break:

Bookmark your dates

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