

2nd International Conference on
*Applied Microbiology and
Beneficial Microbes*

October 23-25, 2017
Osaka, Japan

conferenceseries.com



300+

Participation
(70 Industry: 30 Academia)

12+

Interactive
Sessions

5+

Keynote
Lectures

50+

Plenary
Lectures

3+

Workshops

10+ B2B

Exhibitors
Meetings

Endorsed by



eventful



Drugs.com
Know more. Be sure.

eventegg

OSA
The Optical Society



Welcome Message

Dear Colleagues,

This conference is an international event that focuses on the acuteness of microbiology and its emerging diseases, techniques and fundamental importance of research aimed at uncovering its agents places the theme **“Scoping out Innovative research in Applied Microbiology & Future Trends of Beneficial Microbes”** among the most interesting and urgent problems in the field of medical science today.

It is therefore an honor for me and a great privilege to speak about the commitment of the Innovative Research in the International Congress entitled **“Applied Microbiology and Beneficial Microbes”**. Furthermore, the group wishes to extend this commitment into the future: it is their intention to continue these conferences in the next years. The topics to be selected shall cover a wide range and encompass the most up-to-date information on the multifactorial events which lead to potential pandemics in the world.

With best wishes,

Giulio Tarro

President

Foundation T. & L. de Beaumont Bonelli for cancer research

Italy

Keynote Speakers



Giulio Tarro
President
Foundation T. & L. de Beaumont
Bonelli for cancer research, Italy



Junie Lia Monica
Head of Microbiology department
University of Medicine and
Pharmacy, Romania



Olga Genilloud
Scientific Director
Medina Foundation
Spain



Yong Ho Park
Commissioner
Korea BioMAX Institute
Korea

Organizing Committee Members



Giulio Tarro
President
Foundation T. & L. de Beaumont
Bonelli for cancer research, Italy



Isaac K O Cann
Professor
University of Illinois
United States



Horng-Dar Wang
Professor and the Director
Institute of Biotechnology
Taiwan



Marika Carmela Orlando
President
International association of Wine
Fashion Europe, Italy



Konstantinos Kormas
Professor
University of Thessaly
Greece



Maulin P Shah
Chief Scientist & Head-Industrial
Waste Water Research Lab
Enviro Technology Ltd., India



Arvind Madhavrao Deshmukh
President
Microbiology Society of India
India



Sevgi Ciftci
Associate Professor
Istanbul University
Turkey



Yong Ho Park
Commissioner
Korea BioMAX Institute
Korea



Junie Lia Monica
Head of Microbiology department
University of Medicine and
Pharmacy, Romania



Nikos E Mavroudis
Programme Leader
Northumbria University
United Kingdom



Olga Genilloud
Scientific Director
Medina Foundation
Spain

Tentative Agenda

October 23, 2017 Monday	
Time	Session
08:30-09:30	Registrations
09:30-11:00	Keynote Forum
	Group Photo
11:30-11:45	Network & Refreshments Break*
11:45-12:20	Microbiology Applied microbiology Beneficial Microbes
12:20-13:00	Medical & public health microbiology Clinical & diagnostic microbiology Pharmaceutical microbiology
13:00-13:45	Lunch Break**
13:45-16:00	Industrial microbiology Fermenters and Fermentation Microbial biotechnology and Bioinformatics
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Microbial biochemistry Food and Beverage microbiology Dairy microbiology
Day Concludes	

October 24, 2017 Tuesday	
Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Agricultural microbiology Veterinary microbiology Environmental microbiology
11:30-11:45	Network & Refreshments Break*
11:45-12:20	Water microbiology Aeromicrobiology Microbial Nanotechnologies
12:20-13:00	Biofuels and Petroleum microbiology Biopharmaceuticals Biofilms
13:00-13:45	Lunch Break**
13:45-16:00	Antibiotics and Chemotherapy Prebiotics and Probiotic Brewing microbiology
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Workshop
Day Concludes	

October 25, 2017 Wednesday	
Time	Session
09:30-10:30	Microbial ecology Geomicrobiology
10:30-11:30	Genetic engineering Metabolic engineering Oral Microbiology
11:30-11:45	Network & Refreshments Break*
11:45-12:20	Molecular microbiology Cellular microbiology Vaccinology and Immunology
12:20-13:00	Soil microbiology and nutrient cycling Forensic microbiology
13:00-13:45	Lunch Break
13:45-16:00	Special sessions
16:00-16:15	Network & Refreshments Break*
16:15-17:00	Award Ceremony
Conference Concludes	

* Exclusive Exhibitor Event | ** Networking Event

Note: Conference schedule is subject to change.

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal.

Tentative Program

Oral

Title: Potassium iodide potentiates antimicrobial photodynamic inactivation mediated by Rose Bengal: in vitro and in vivo studies

Ahmed ElHussein, Massachusetts General Hospital, USA

Title: Improved testing for the pathogenic fungi *Aspergillus fumigatus*

Ceri L Gwyther, Open University, UK

Title: Prevention of F18+ *Escherichia coli* infection in weaning pigs using polyvalent receptor analogues

Nguyen V U, Ghent University, Belgium

Non-small cell lung (NSCL) cancer search for biomarkers from body fluids to microarrays

Giulio Tarro, President Foundation T & L de Beaumont Bonelli for cancer research, Italy

Title: Exploiting microbial sources to deliver novel bioactive natural products

Olga Genilloud Fundacion Msdina, Spain

Title: Investigating the role of histone acetylation in the regulation of flocculation in *Saccharomyces cerevisiae*

Lidia Sas Paszt, Research Institute of Horticulture, Poland

Title: Investigating the role of histone acetylation in the regulation of flocculation in *Saccharomyces cerevisiae*

Alastair Fleming, Trinity College Dublin, Ireland

Title: An Extremely Excellent Anti-HIV Active Modified Nucleoside, EFdA Focused on its Design

Hiroshi Ohru, Yokohama University of Pharmacy, Japan

Probiotic Lactic Acid Bacteria as a Potential Antioxidant Agent for Control Fumonisin B1-Induced Hepatotoxicity and Nephrotoxicity in Rats

Amira A Abdellatef, City for Scientific Research, Egypt

Title: Isolation and characterization of two bacteriophages infecting a strain of *Kosakonia sacchari* causing potato soft rot disease

Abd- Elhafeez E, Cairo University, Egypt

Title: Bacteria species incriminated in gastroenteritis in Benin, Nigeria

Oronsaye F E, University of Benin, Nigeria

Title: A preliminary investigation of novel putative non-stereo specific dehalogenase producing bacteria from Antarctic Psychrotrophic *Bacillus* sp. Ihi

Ismail Haruna, Bauchi State University Gadau, Nigeria

Title: BK virus infection and risk factors in Vietnamese renal transplant recipients

Vu Thi My Hanh, Hanoi Medical University, Vietnam

Title: Control rather than eradication of pathogenic bacteria: Quorum sensing of *Vibrio vulnificus*

Sang Ho Choi, Seoul National University, Seoul

Endoplasmic reticulum stress-induced Calreticulin suppresses the growth of mycobacteria in macrophages

Chang-Hwa Song, Chungnam National University, Republic of Korea

Title: Comparative assessment of β -lactamases produced by multidrug resistant bacteria

Juhee Ahn, Kangwon National University, Republic of Korea

Title: One health approaches to zoonotic diseases: MERS, HPAI and AMR

Yong Ho Park, Seoul National University, South Korea

Title: Virological and Clinical Characteristics and Viral Shedding of Children with Norovirus Gastroenteritis

Shih-Yen Chen, Chang Gung University, Taiwan

Title: The cancer chemopreventive potential of novel *Streptomyces* strains derived from mangrove forest in Malaysia

Learn-Han Lee, Monash University, Malaysia

Title: *Meyerozyma guilliermondii*: An alternative yeast for recombinant protein production

Siti Nurbaya Oslan, University Putra Malaysia, Malaysia

Effect of different nitrogen source combinations on microbial cellulose production by *Pseudomonas aeruginosa* in batch fermentation

Azila Adnan, Universiti Malaysia Terengganu, Malaysia

Title: Molecular insights into pore formation and target specificity of mosquito-active toxins from *Bacillus thuringiensis*

Chanan Angsuthanasombat, Mahidol University, Thailand

Title: Microbial solubilization of metals from electronic waste (E-waste)

A.M. Deshmukh B. A. M. University, India

Title: Exploitation of *Enterobacter* spp. in microbial degradation of acrylamide: An environmental bioremediation approach

Maulin P Shah, Enviro Technology Limited, India

Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, Sri Vidyanikethan Engineering college, India

Title: A study of the interaction mechanism of GTP with CodY of *Bacillus anthracis*

Shikha Joon, Jawaharlal Nehru University, India

Title: Genetic context novel NDM-5 producing *E. coli* (ST405 and ST648) and *K. pneumoniae* (ST11 and ST147) clinically isolated from different hospitals, Pakistan.

Muhammad Usman Qamar, University of Health Science Lahore, Pakistan

Title: Defeating nosocomial infection from the hospitals

Kazi Mahdi Hasan, Noakhali Science & Technology University, Bangladesh

Title: Human Immuno-Deficiency Virus Co-Infection with Hepatitis B Virus and Baseline Cd4+ T Cell Count among Patients Attending a Tertiary Care Hospital, Nepal

Soma Kanta Baral, Tribhuvan University, Nepal

Title: Investigating the effect of Arbuscular Mycorrhizal Fungi (*Glomus etonicatum*) and air pollutants on growth parameters of Maize (*Zea mays* L.)

Mobina Jamali, Tehran Educational Organization, Iran

Title: Molecular evaluation of topoisomerases IV (*parC*, *parE*), *gyrA*, *qnrA*, *qnrB* and *aac(6')-Ib-cr* genes among ciprofloxacin resistant *E. coli* isolates from UTI

Mojdeh Hakemi Vala, Shahid Beheshti University, Iran

Title: Flu pathogenesis proteolytic theory and its role in the improvement of flu's treatment

V A Divocha, SE Ukrainian Research Institute for Medicine of Transport, Ukraine

Poster

Title: Evaluating a novel rapid microbe detection (RMD) technique based on formation of aggregates

Clifton Randell, U.S. Food and Drug Administration, USA

Simple and highly rapid molecular diagnosis of SFTS virus using Reverse Transcriptional Loop-Mediated Isothermal Amplification (RT-LAMP)

Yun hee, Baek, Chungbuk National University, South Korea.

Title: Chromosomal aneuploidy improves brewing characteristics of sake yeast

Yuki Fujimaru, Saga University, Japan

Title: Role of host defense peptide resistance in host-specific adaptation of methicillin-resistant *Staphylococcus aureus*

Soo-Jin Yang, Chung Ang University, Korea

Safety and Immune-Boosting Effect by Cytokine Expression of *Lactobacillus johnsonii*, Isolated from Mouse Intestine.

Dongjun Kim, Sungkyunkwan University, Korea

Molecular biological analysis of 3D8 VL, a nucleic acid hydrolyzing recombinant antibody derivative

Yongjun Lee, Sungkyunkwan University, Korea

Title: Isolation and identification of styrene degrading bacteria from irisan dumpsite, Baguio city

Deoxier Ribo C. Agub, University of the Philippines, Philippines

Title: Antihypertensive Peptides in Whey and Soy Proteins Fermented by Lactic Acid Bacteria

Eric Banan-Mwine Daliri, Kangwon National University, South Korea

Title: Isolation of a bacteriophage specific for KNI *Klebsiella pneumoniae* and characterization of its capsule depolymerase

Yi-Jiun Pan, China Medical University, Taiwan

Title: Significant Intestinal Microbiota Differences in Biliary Atresia Infants with Distinct Clinical Outcome

Hsin-Yeh Lin, Chang Gung Memorial Hospital, Taiwan

Title: Role of stringent control in the pathogenesis of enteropathogenic *Escherichia coli* and its macrophage response

Jang Won, Kangwon National University, South Korea

Title: Molecular characterization of bacteriophages specific for antibiotic-resistant *Salmonella Typhimurium*

Juhee Ahn, Kangwon National University, Republic of Korea

Title: The antitiotic polymyxin B exhibits novel antifungal activity against *Fusarium* species infecting humans and plants

Ying-Lien Chen, National Taiwan University, Taiwan

Title: The effect of RpoN on swarming in uropathogenic *Proteus mirabilis*

Shwu-Jen Liaw, National Taiwan University, Taiwan

Distinct methanotrophs modulate soil methane oxidation in cold-temperate rice fields

Nasrin Sultana, Chinese Academy of Sciences, China

Title: Variability of *Bacillus thuringiensis* Mexican strains by ERIC-PCR and Biofilm Formation

Patricia Gómez de León, National Autonomous University of Mexico, Mexico

Title: Isolation and characterization of extremophile probiotic yeast, gram positive and gram negative bacteria from frozen fermented idli batter

Ramachandran Chelliah, Kangwon National University, South Korea

Title: Surveillances of Avian influenza and New castle disease in the rift valley areas of Eastern zone in Ethiopia

Redeat Belaineh, National Animal Health Diagnostic and Investigation Center, Ethiopia

Title: The use of marine psychrophile, *Psychrobacter maritimus*S, as a feed additive for Nile tilapia (*Oreochromis niloticus*) fingerlings

Sarah O. Makled, Alexandria University, Egypt

Matured biofilm degradation of MDR *Acinetobacter baumannii* by the tail fiber of phage ϕ AB6

Md Shahed-Al-Mahmud, Tzu Chi University, Taiwan

Microbial quality of community drinking water supplies: A ten year (2004–2014) analyses in west Amhara, Ethiopia

Derese Hailu, Bahir Dar Regional Health Research Laboratory Center, Ethiopia

Title: Confirmatory Assays for Detection of *Neisseria Gonorrhoeae* using *porA* pseudogene Real-Time PCR Base Methods

Imarenezor, E. P. K. Federal University Wukari, Nigeria

Title: Molecular properties of phytoplasma associate with acacia yellows in Iran

Shahrokh Panahi, Landscape engineering division, Iran

Title: Human Immuno-Deficiency Virus Co-Infection with Hepatitis B Virus and Baseline CD4+ T Cell Count among Patients Attending a Tertiary Care Hospital, Nepal

Soma Kanta Baral, Tribhuvan University, Nepal

Title: Bioprocessing of botanicals for active ingredient isolation through enzymatic route

Geethu Gopinath. K, India

Title: Genetic diversity of Tuf gene in phytoplasmas associated with grape decline in Iran.

Maryam Ghayeb Zamharir, Iranian research institute of plant protection, AREEO, Iran.

Molecular Detection Of *Helicobacter Pylori* Among Gastroduodenitis And Peptic Ulcer Patients In Khartoum State

Abbas Bakhit Mohammed Rahama, Alneelain University, Sudan

Title: Rhizopine mosBC genes homologue arrangement in rhizobium leguminosarum bv. *Viciae* strain 1A

Owuama, Adama University of Technology, Nigeria

****Speaker and Poster Opportunities Available****

Past Conference Report

Conference series Ltd hosts the prestigious “2nd International Conference on Applied Microbiology and Beneficial Microbes” which will be held during October 23-25, 2017 Osaka, Japan after the successful “International Conference and Summit on Industrial and Pharmaceutical microbiology” which was held during October 17-18, 2016 Kuala Lumpur, Malaysia. The conference was marked with the attendance of Editorial Board Members of supported Conference Series Ltd journals, scientists, professors, young and brilliant researchers, business delegates and talented student communities representing more than 20 countries, who made this conference fruitful and productive. This conference was based on the theme, “Scoping out Innovative research in Applied Microbiology & Future Trends of Beneficial Microbes”

Applied Microbes 2017 will feature a global audience of scientific leaders, academia and microbiology professionals, who are going to discuss today’s emerging diseases, techniques , treatment and diagnostics in various microbiology fields. By bringing together the microbiology community, presenting the latest developments, and identifying unmet treatment needs, Applied Microbes 2017 hopes to accelerate research and drug development in microbiology improving patient outcomes.

Keynote Speakers @ 2016 Conference



**Miguel Angel
Hernandez Rivera**
Mexico



Sunil Kumar Lal
Malaysia



Soo-Ki Kim
South Korea



Minaketan Tripathy
Malaysia

Tourist Attractions



Venue

Osaka, Japan- Osaka is a designated city in the Kansai region of Japan. It is the second largest metropolitan area in Japan and among the largest in the world with over 19 million inhabitants.

Must visit destinations in Osaka

- Osaka Castle
- Osaka Aquarium
- Shitenno-ji Temple
- Umeda Sky Building
- Minami

Osaka is known for its food, in Japan and abroad. Osaka is the food capital of the world. Osaka is known for its fine sake, which is made with fresh water from the prefecture's mountains. Osaka's culinary prevalence is the result of a location that has provided access to high quality ingredients, a high population of merchants, and proximity to the ocean and waterway trade. In recent years, Osaka has started to garner more attention from foreigners with the increased popularity of cooking and dining in popular culture. Osaka Science Museum . The Museum of Oriental Ceramics holds more than 2,000 pieces of ceramics, from China, Korea, Japan and Vietnam. Osaka Municipal Museum of Artis.

You'll fall in love with Osaka



Venue:

Hyatt Regency Osaka, 1-13-11, Nanko-Kita
Suminoe-Ku Osaka, Japan

Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

For Queries

Program Manager

Email: appliedmicrobes@microbiologyconferences.org

Office Ph: +1-702-508-5200 Ext: 8040

Toll No: +1-800-216-6499 (USA & Canada)

For Exhibition & Sponsorship

Contact:

Email: - appliedmicrobes@microbiologyconferences.org

2360 Corporate Circle.

Suite 400 Henderson

NV 89074-7722, USA

Tel: +1-888-843-8169

Fax: +1-650-618-1417