**Program**

**Day 1 June 06, 2018**

**Registrations**

**Opening Ceremony**

**Keynote Forum**

**Introduction**

**Title: *Dictyostwlium discoideum* : A Model Organism for G Protein Coupled Receptor-Mediated Chemotaxis in Human Diseases**

**Xuehua Xu, National Institutes of Health, USA**

**Title: Biotransformation of extraterrestrial and terrestrial metal-bearing materials**

**Tetyana Milojevic, University of Vienna, Austria**

**Coffee Break**

**Title: How eukaryotic phagocytes locate and interact with microorganisms: lessons from the social amoeba Dictyostelium discoideum**

**Tian Jin, National Institute of Allergy and Infectious Disease, NIH, USA**

**Title: Study of Refinement of Groundwaters of Viral Contaminants Using Clay Column in a Laboratory Model**

**Maryam Esghaei, Iran University of Medical Sciences, Iran.**

**Title: Defining natural species of bacteria by a common yardstick: Universal genomic parameter to delineate bacteria into discrete phylogenetic clusters**

**Shu-Lin Liu, Harbin Medical University, China**

**Lunch Break**

**Microbiology, Trends in cellular microbiology and generation microbiology, Advancements in Food and Industrial Microbiology, Microbial Genomics and Molecular Microbiology, Microbial Pathogenesis, Petroleum Microbiology, Medical and Clinical Microbiology, Diseases, Diagnosis and Treatment of Microbial Infections, Infections and Immunity, Vaccines and Vaccinations**

**Chair: Opportunity available**

**Co Chair: Opportunity available**

**Title: Genetic boundary to delineate bacteria into discrete natural clusters**

**Le Tang, University of Calgary, Canada**

**Title: Histological Characterization of Cervical Cancer and its precursor lesions in Malawian Women Presenting at Queen Elizabeth Central Hospital: a cross-sectional study**

**Fred Fredrick Bangara, Clemence Marimo, Trevor Kaile.**

**Speaker opportunity available**

**Speaker opportunity available**

**Coffee Break**

**Title:Antimicrobial susceptibility pattern of some selected bacterial pathogens of lower respiratory tract to commonly used antibiotics at university of ilorin teaching hospital, Ilorin, Nigeria.**

**Zaharaddin Muhammad Kalgo, Federal University Birnin Kebbi, Nigeria.**

**Title: Reduction Of Selenite To Selenium Using Bacteria Isolated From Polluted Areas**

**Saima Javed, University of the Punjab, Lahore, Pakistan.**

**Title: Antibacterial activity and plasmid curing of multi-drug resistance extended-spectrum beta-lactamases *urophatogenic klebsiella* sp. Using extracts of *alchornea cordifolia***

**Ishaq S Abdullahi, Federal Collage of Education (Technical), Nigeria**

**Speaker opportunity available**

**Speaker opportunity available**

**Panel Discussion**

**Day 2 June 07, 2018**

**Keynote Forum**

**Title: Breadmaking Potential of Wheat Flour Enriched with Mealworms (Tenebrio molitor L.) Started with Sourdough and Baker's Yeast**

**Andrea Osimani, Università Politecnica delle Marche, Italy**

**Title: Microbiota and key technological features of naturally fermented Crithmum maritimum sprouts**

**Lucia Aquilanti, Universita' Politecnica delle Marche, Italy**

**Coffee Break**

**Title: Awakening of Streptomyces – novel insights into germination of bacterial arthrospores**

**Jan Bobek, Charles University, Czechia**

**Title: Applied Microbes: The good, the bad and the fastidious**

**Wolfram Brueck, University of Applied Sciences Western Switzerland Valais, Switzerland**

**Title: Benefits of cultural exposure and development of Korean perspective-kimchi and fermentation products**

**Min-Kyu Kwak, Special Appointment Professor, Sungkyul University**

**Lunch Break**

**Bioinformatics, Astro, Nano and Predictive Microbiology, Veterinary Microbiology, Aero Microbiology, Biotechnology and Biochemistry, Microbial Biofilms, Pharmaceutical Microbiology, Agricultural Microbiology, Oral Microbiology, Forensic Microbiology, Genetic Engineering, Applied Microbiology and Environmental Microbiology**

**Chair: Takehiko Tsuruta, Hachinohe institute of Technology, JAPAN**

**Co-Chair: Nasreen S. Munshi, Nirma University, India**

**Title: Novel and Relevant Transdisciplinary Knowledge Development in Microbiome and Forensic Sciences**

**T. Komang Ralebitso, Liverpool University, UK.**

**Title: Removal, separation and removal of cesium, cobalt and strontium from the mixed solution using microbial cells**

**Takehiko Tsuruta, Hachinohe institute of Technology, JAPAN**

**Title: Bioremediation of aromatic hydrocarbon pollutants by the most abundant bacterial strain in industrial wastewater: Pseudomonas citronellolis**

**Nasreen S. Munshi, Nirma University, India**

**Title: Beneficial Microbes (Biofertilizers) intgegration with Organic and Chemical Fertilizers is Key for Sustainable Crop Production under Semiarid Climates**

**Amanullah, The University of Agriculture Peshawar, Pakistan**

**Speaker opportunity available**

**Speaker opportunity available**

**Coffee Break**

**Title: MicroAlgal Biofuel—Biology and Application**

**Qiang Wang, Chinese Academy of Sciences, China**

**Title: Gut Remediation, A Novel Solution for Food Heavy Metal Contamination**

**Xiangkai Li, Lanzhou University, China**

**Speech opportunity available**

**Speech opportunity available**

**Video Presentation**

**Title: The Plant Microbiome: Key to Sustainable Food Production, Forestry, Bioenergy, and Reduction of Environmental Pollutants**

**Sharon Lafferty Doty, University of Washington, Seattle, USA**

**Title: A quasi-steady-state approximation to the basic target-cell-limited viral dynamics model with a non-cytopathic effect**

**Richard Cangelosi, PhD, Gonzaga University, USA**

**Posters**

**Title: Type IV Pili is involved in the pathogenesis of Clostridium difficile in vivo**

**I-Hsiu Huang, National Cheng Kung University, Taiwan**

**Title: A Novel Phosphotransferase System Enzyme-IIA Homologue Inhibits 1,3-Propanediol Production through Binding to Glycerol Kinase in Klebsiella pneumoniae**

**Novaria Sari Dewi Panjaitan, Tzu-Chi University, Taiwan**

**Title: The study of cAMP receptor protein (CRP) regulated type 3 fimbriae in Klebsiella pneumoniae**

**Shih-Wen Cheng, Tzu-Chi University, Taiwan**

**Title: Microbial analysis of red pepper and red pepper cultivated soil in Korea**

**Kyu Seok Jung, National Institute of Agricultural Science, Korea**

**Title: Rapid detection and concentration of human norovirus through lectins**

**Ka Young Son, Chonbuk National University, Korea**

**Title: Rapid detection and concentration of human norovirus through lectins**

**Yeo Reum Park, Chonbuk National University, Korea**

**Panel Discussion**