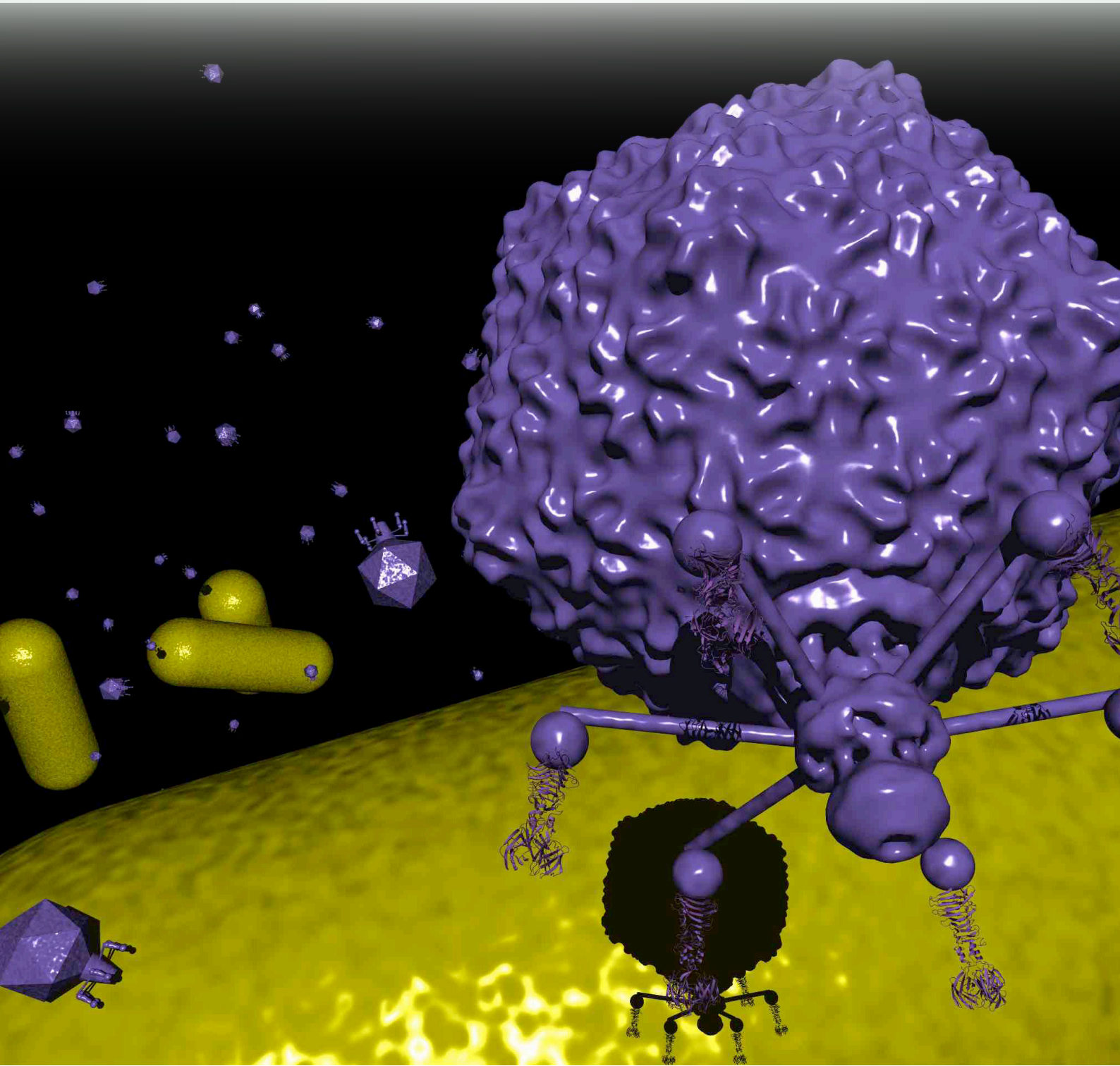
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4th World Congress and Expo on

Applied Microbiology

September 19-21,2016 Las Vegas, USA

Scientific Program



Day 1 September 19, 2016

08:30-09:00 Registrations

Flamingo 1

conferenceseries.com 09:15-09:45

Opening Ceremony

Keynote Forum

Introduction

09:45-10:25 **Title: Predicting the distribution of an invasive algae across the Rocky Mountains from environmental DNA and remote sensing data**
John Robert Olson, Desert Research Institute, USA

10:25-11:05 **Title: Antimicrobial resistance & healthcare-associated infections (ARHAI) in the era of pan-drug-resistant organisms (PANDRO)**
Suleiman Al-Obeid, Security Forces Hospital, Saudi Arabia

Networking and Refreshment Break 11:05-11:25 @ Atrium

Session 1: Bacterial Pathogenesis | Agricultural Biotechnology | Biotechnologies and Human Health

Session Chair: Jacques Obeid, Security Forces Hospital, Saudi Arabia
Session Co-Chair: Lidia Maria Sas Paszt, Research Institute of Horticulture, Poland

Session Introduction

11:25-11:55 **Title: Beneficial microorganisms: An opportunity to improve the yielding quality of crop plants**
Lidia Maria Sas Paszt, Research Institute of Horticulture, Poland

11:55-12:25 **Title: Surviving the acid barrier: responses of pathogenic Vibrio cholerae O1 and O139 to simulated gastric fluid (SGF)**
Atheesha Singh, University of Johannesburg, South Africa

12:25-12:55 **Title: Energy landscape in protein folding and unfolding: A proton NMR study probing the energy landscape in the protein folding and unfolding process**
Francesco Mallamace, University of Messina, Italy

Lunch Break 12:55-13:40 @ Atrium

13:40-14:10 **Title: Single-domain antibody-based therapeutics for Clostridium difficile infection**
Jamshid Tanha, National Research Council Canada, Canada

14:10-14:40 **Title: Molecular detection of some A. hydrophila toxins and its antibiotics resistance pattern isolated from chicken feces in Thi-Qar province, Iraq**
Waffa Abdulelah Ahmed, University of Baghdad, Iraq

14:40-15:10 **Title: Vancomycin resistance in Enterococcus & Staphylococcus and strategies for treatment & Prevention**
Suleiman Al-Obeid, Security Forces Hospital, Saudi Arabia

15:10-15:40 **Title: Urban desert soil bioinformatic survey and biomarker validation**
Emily Viau, Grand Canyon University, USA

Networking and Refreshment Break 15:40-16:00 @ Atrium

16:00-16:30 **Title: Effect of storage on microbiological qualities and physicochemical properties of fresh fruits (water melon, orange, pineapple and apple) juice**
Oladapo Abiodun Sinmiat, Osun State Polytechnic, Nigeria

16:30-17:00 **Title: Bacterial pathogens of lower respiratory tract in University of Ilorin Teaching Hospital, Ilorin, Nigeria**
Zaharaddin Muhammad Kalgo, Federal University Birnin Kebbi, Nigeria

17:00-17:30 **Title: Seroprevalence of hepatitis B among HIV infected patients attending Specialist Hospital Sokoto, Nigeria**
Basiru Aliyu, Federal University, Nigeria

Panel Discussion

Day 2 September 20, 2016

Flamingo 1

Keynote Forum

09:15-09:40 **Title: Exploring the hydrogen-producing potential of cyanobacteria by genetic engineering**
Galyna Kufryk, Grand Canyon University, USA

Session 2: Microbial Biofuels | Microbial Biotechnology | Antimicrobials | Resistance and Chemotherapy

Session Chair: Galyna Kufryk, Grand Canyon University, USA
Session Co-Chair: Edvaldo Antonio Ribeiro Rosa, Pontifical Catholic University of Parana, Brazil

Session Introduction

09:40-10:10 **Title: Microbial biotransformations: New approaches to obtain new molecules**
Edvaldo Antonio Ribeiro Rosa, Pontifical Catholic University of Parana, Brazil

10:10-10:40 **Title: Designing a photosystem I-based artificial leaf for production of photo-electricity and solar fuel**
Joanna Kargul, University of Warsaw, Poland

10:40-11:10 **Title: Identification of *Candida* species in patients with oral lesion undergoing chemotherapy along with minimum inhibitory concentration (MIC) to fluconazole**
Parvin Dehghan, Isfahan University of Medical Sciences Isfahan, Iran

Networking and Refreshment Break 11:10-11:30 @ Atrium

11:30-12:30 **Title: Tolerability and performance of BIP central venous catheters with noble metal alloy coating: A randomized clinical evaluation study**
Gunilla Bjorling, The Swedish Red Cross University College, Sweden

12:30-13:00 **Title: Measuring Bioenergy Potential of City Food, Grease, Grass, and Zoo Manure Mixes**
Emily Viau, Grand Canyon University, USA

Lunch Break 13:00-13:30 @ Atrium

13:30-14:00 **Title: The lipid content of some fungi (Aspergillus fumigatus) isolates from pulp fruits for usage in biodiesel production**
Ferruh Asci, Afyon Kocatepe University, Turkey

14:00-14:30 **Title: Microbiological assessment of traditional fermentation methods used in the production of flour from sweet potato in Nigeria**
Abbas Bazata Yusuf, Federal University Birnin Kebbi, Nigeria

14:30-15:00 **Title: The effects of protective agents and rehydration media on survival of freeze-dried Candida xestobii and Bacillus mycoides strains for the formulation of biocontrol agent**
Rex Ogbonnaya Ogbonnaya, Federal University Ndufu-Alike Ikwo,Nigeria

15:00-15:30 **Title: Identification of Candida species in diabetic patients and non-diabetic controls with CHROMagar Candida and PCR-RFLP**
Parvin Dehghan, Isfahan University of Medical Sciences, Iran

15:30-16:00 **Title: Microbial safety of food served in selected secondary boarding schools in Ghana**
P G Owusu-Darko, Kumasi Polytechnic, Ghana

Networking and Refreshment Break 16:00-16:15 @ Atrium

Poster Presentations @ 16:15-17:15

Poster Judge: Gunilla Bjorling, The Swedish Red Cross University College, Sweden
Poster Judge: Jamshid Tanha, National Research Council Canada, Canada

P01 **Title: Flow cytometric assessment of the effect of simulated gastric fluid (SGF) on the survival of Salmonella typhimurium, Shigella dysenteriae and Shigella flexneri**
Atheesha Singh, University of Johannesburg, South Africa

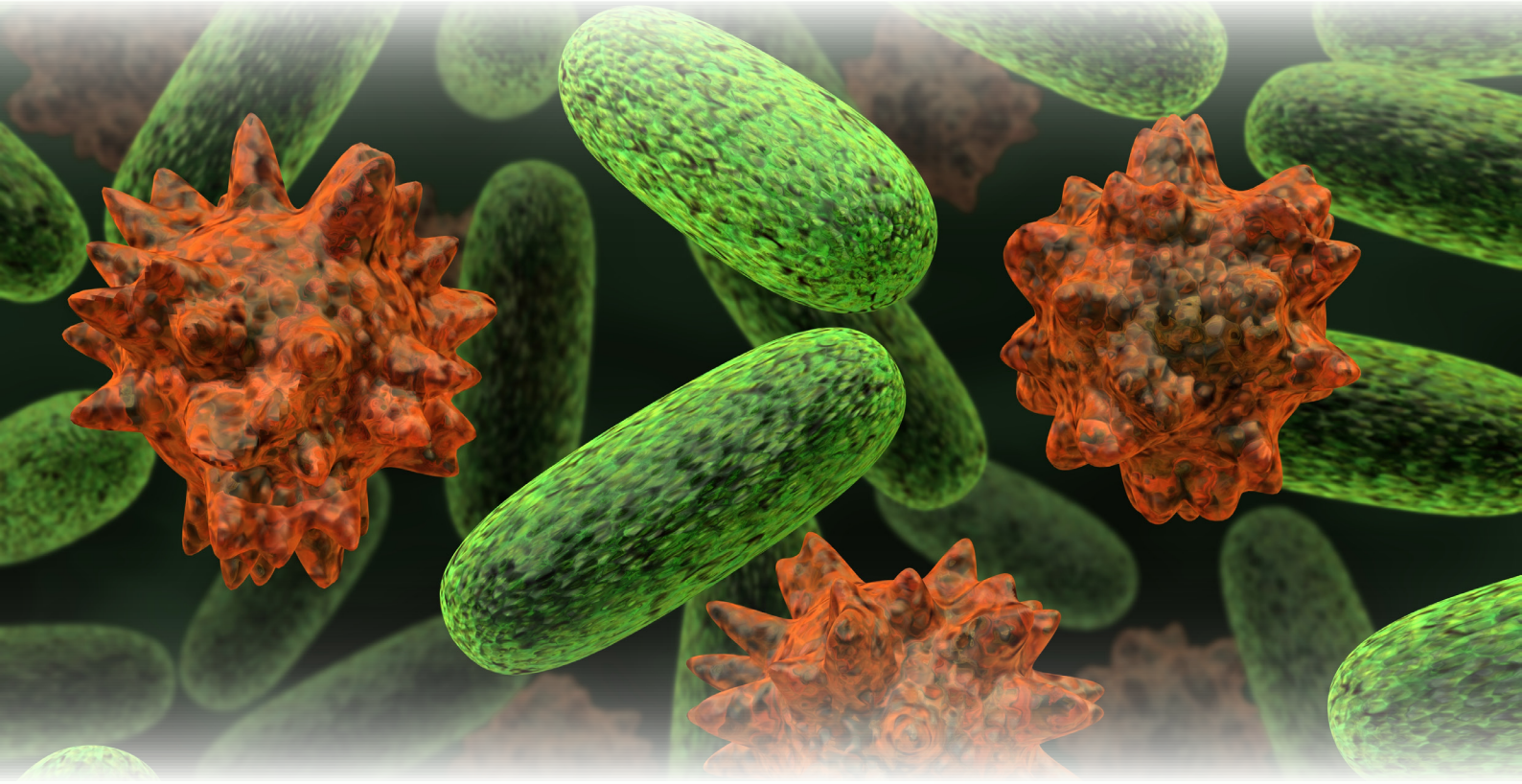
P02 **Title: Investigation of anti-gout effect of several edible mushrooms and suitable extraction conditions for using as a healthy supplement food**
Yun-Hae Lee, Gyeonggido Agricultural Research, South Korea

P03 **Title: Determination of beta-glucosidase activities of 3 lactobacilli strains in simulating gastric and intestinal digestion**
Zehranur Yuksekdag, University of Gazi, Turkey

P04 **Title: Antibacterial activity of quantum dots for treatment of wound infection**
Aisha Baqasi, King Abdulaziz University, KSA

P05	**Title: Antimicrobial activity of TiO_2 nanoparticles against pathogenic strains that cause wound infections** **Raniyah Ahmad Maki Shoudri,** King Abdulaziz University, KSA
P06	**Title: *Lactobacillus*: New endeavors for the obesity management** **Manpreet Kaur,** National Dairy Research Institute, India
P07	**Title: Isolation and characterization of dark fermentative hydrogen producing bacteria from soil** **Payal Mazumder,** Tezpur University, India
P08	**Title: High hydrostatic pressure associated with the disinfectants for the inactivation of Klebsiella pneumoniae and Pseudomonas aeruginosa.** **Marriam Yamin,** State University of Campinas, Sao Paulo Brazil

Day 3 September 21, 2016
Networking
Networking and Refreshment Break 11:00-11:20 @ Atrium
Lunch Break 13:00-13:45 @ Atrium
Panel Discussion
Award ceremony



Bookmark your dates

5th World Congress and Expo on

Applied Microbiology

October 23-25,2017 Chicago, USA

e-mail: appliedmicrobe16@gmail.com; appliedmicrobe@conferenceseries.com
Website: microbiology.conferenceseries.com/america