



# Biotech-2018



## Collaborations



## Media Partners



## Scientific Program

## *International*

# ***Biotechnology and Research Conference***

**April 25-27, 2018     Rome, Italy**

## Day 1 - April 25, 2018 - Diana

08:00-09:00	Registrations
09:00-09:30	Opening Ceremony

### Keynote Forum

09:30-10:15	Title: Cold-active lipases: Characterization and Structure Elucidation <b>Raja Noor Zaliha Raja Abd Rahman</b> , University Putra Malaysia, Malaysia
-------------	---

Coffee Break: 10:15-10:30 @ Foyer Area

10:30-11:15	Title: The CITAS Story on a Multidisciplinary Approach in Disease Detection in Agriculture for Developing Countries <b>Maria Regina Justina Estuar</b> , Ateneo de Manila University, Philippines
-------------	--

### Session 1: Industrial and Microbial Biotechnology & Biotechnology in Agriculture & Biosensors and Biomarkers & Environmental Biotechnology and Biodiversity, Waste Water Treatment

Session Chairs: **Luis P Fonseca**, Institute for Bioengineering and Biosciences, Portugal  
**Raja Noor Zaliha Raja Abd Rahman**, University Putra Malaysia, Malaysia  
**Diyana Sokolova**, Russian Academy of Sciences, Russia

11:15-11:40	Title: New Opportunities of Biocatalysis in Industrial Biotechnology <b>Luis P Fonseca</b> , Institute for Bioengineering and Biosciences, Portugal
-------------	--

11:40-12:05	Title: Immobilization of ARM Lipase for Industrial Use <b>Raja Noor Zaliha Raja Abd Rahman</b> , University Putra Malaysia, Malaysia
-------------	---

12:05-12:30	Title: Towards the Development of a Multidimensional Multisensor Spatiotemporal Model for Disease Detection and Spread <b>Maria Regina Justina E. Estuar</b> , Ateneo de Manila University, Philippines
-------------	--

12:30-12:55	Title: A Framework for Real time Detection and Monitoring of Plant Diseases: A Case Study on Use of Web and Mobile Applications on Foc TR4 <b>Marlene M. De Leon</b> , Ateneo de Manila University, Philippines
-------------	--

Lunch Break: 12:55-14:00 @ Restaurant

14:00-14:25	Title: The Automated Detection of <i>Fusarium Oxysporum</i> Sp. in Soil Samples through Mapped Methods of Image Analysis and Machine Learning <b>Andrei D. Coronel</b> , Ateneo de Manila University, Philippines
-------------	--

14:25-14:50	Title: QCM-Based Biosensors for the Detection of Tumor Released Exosomes <b>Agnese Magnani</b> , University of Siena, Italy
-------------	--

14:50-15:15	Title: Removal of Lead and Mercury from Contaminated Water <b>Hossein Rostami</b> , Philadelphia University, USA; <b>Mozhgan Bahadory</b> , Community College of Philadelphia, USA
-------------	---

Coffee Break: 15:15-15:30 @ Foyer Area

15:30-15:55	Title: Diversity of Microorganisms in Heavy Oil Reservoirs (Russia) and their Possible Application in Meor <b>Diyana Sokolova</b> , Russian Academy of Sciences, Russia
-------------	--

15:55-16:20	Title: Assessing the Microbiome Dynamics in Three Photo-Bioreactors Established for Coking Wastewater Treatment: An Orchestration between Microalgae and Bacterial Communities <b>Mariam Hassan</b> , Cairo University, Egypt
-------------	--

16:20-16:45	Title: Increased Concentration of Diesel in Soil has Varying Impacts on Different Soil Biological Activities <b>Chukwudi Onwosi</b> , University of Nigeria, Nigeria
-------------	---

16:45-17:10	Title: Potential of Indigenous Lactococci as Starter Cultures in Dairy Industry <b>Mirjana Bojanic Rasovic</b> , University of Montenegro, Montenegro
-------------	--

17:10-17:35	Title: Effect of Clarifying Agents on the Volatile Composition of Mead <b>Leticia M. Estevinho</b> , Instituto Politecnico de Braganca, Portugal
-------------	---

17:35-18:00	Title: Production and Evaluation of Protease Enzyme ( <i>B.subtilis</i> strain) for Eco-friendly Leather Processing Empowerment in Ethiopian Tanneries <b>Biruk Abate</b> , Ku Lueven Engineering College, Belgium
-------------	---

## Day 2 - April 26, 2018 - Diana

### Keynote Forum

09:30-10:15	Title: Polysaccharide Bacterial Toxins as Anticancer Agents <b>Roger A Laine</b> , Louisiana State University, USA
-------------	---

Coffee Break: 10:15-10:30 @ Foyer Area

10:30-11:15	Title: Tumor Extracellular Matrix Microenvironment, Role of Macrophages <b>Henry Lopez</b> , Riptide Bioscience, USA
-------------	---

### Session 2: Pharmaceutical Biotechnology & Biotechnology in Healthcare & Biotechnology for Genetic disorders & Immunology and Therapeutic Antibodies

Session Chairs: **Roger A Laine**, Louisiana State University, USA  
**Ahmed Abdellatif**, The American University in Cairo, Egypt

11:15-11:40	Title: The Casein Kinase 2 (CK2) and PIM Kinase as a Target for Anticancer Therapy <b>Maria Bretner</b> , Warsaw University of Technology, Poland
-------------	--

11:40-12:05	Title: Native Cell Membrane Nanoparticles System for Membrane Proteins <b>Youzhong Guo</b> , Virginia Commonwealth University, USA
12:05-12:30	Title: Small Molecular Weight Peptides as Potential Therapeutics: Anticancer and Antimicrobial Effects of an Analogue to a Viral Protein <b>Taghrid Istivan</b> , RMIT University, Australia
12:30-12:55	Title: The Effect of Etoposide Drug on Chromosomal Changes and Mitotic Index in Mouse Bone Marrow Cells <b>AbdulRahman A. I. Alyahya</b> , Shaqra University, Saudi Arabia
Lunch Break: 12:55-14:00 @ Restaurant	
14:00-14:25	Title: Effect of Porphyrinoids on the Infectivity of <i>Nosema</i> spp. Microsporidia <b>Mariusz Trytek</b> , Maria Curie-Skłodowska University, Poland
14:25-14:50	Title: Curcumin Reduces Antioxidant Activity Following Spinal Cord Injury in Rat Model <b>Ahmed Abdellatif</b> , The American University in Cairo, Egypt
14:50-15:15	Title: Genomic Modification by <i>Ocimum Canum</i> against Lead-Induced Chromosom-Aberration and its Effect on Antioxidant Enzymes <b>Tugbobo O Samuel</b> , Federal Polytechnic, Nigeria
Coffee Break: 15:15-15:30 @ Foyer Area	
15:30-15:55	Title: Molecular Characterization, Genetic Diversity and Similarities of <i>Cladosporium</i> species as Revealed by: Internal Transcribed Spacer – Polymerase Chain Reaction (ITS-PCR) <b>Mohammed Alhussaini</b> , Shaqra University, Saudi Arabia
15:55-16:20	Title: Fine Tuning of the Silver Bullet; Epigenetic Manipulation of Immune Checkpoints in Breast Cancer <b>Hend M. El Tayebi</b> , German University in Cairo, Egypt
16:20-16:45	Title: A Comprehensive Dynamic Model of Gut Microbiome <b>Jun Geng</b> , Chalmers University of Technology, Sweden
16:45-17:10	Title: Evaluation of the Pharmacological Profile of Virgin Coconut Oil (VCO) in Indomethacin-Induced Gastric Ulcer Models <b>Parker Elijah Joshua</b> , University of Nigeria, Nigeria
17:10-17:35	Title: Determination of Haemolytic Effect and Spectral Analysis Using Gas Chromatography Mass Spectrometry (GC-MS), Fourier Transform Infrared (FTIR) and Ultraviolet Visible (UV-Vis) Spectroscopy of Different Extracts of <i>Cucumis melo</i> L. var. <i>inodorus</i> (Sweet Melon) Fruit <b>Parker Elijah Joshua</b> , University of Nigeria, Nigeria
17:35-18:00	Title: The Influence of Milky-Wax Ripeness Walnuts Extracts on Formation and Properties of Clots <b>Orlova Olga Iurevna</b> , ITMO University, Russia
<b>Day 3 - April 27, 2018 - Diana</b>	
<b>Poster Presentations (Session 1: P1-P9): 10:30-12:30 @ Diana</b>	
Poster Judge: <b>Taghrid Istivan</b> , RMIT University, Australia <b>Roger A Laine</b> , Louisiana State University, USA	
Coffee Break: 10:15-10:30 @ Foyer Area	
P1	Title: Native Cell Membrane Nanoparticles System for Membrane Proteins <b>Weihua Qiu</b> , Virginia Commonwealth University, USA
P2	Title: Microbial Production of Natural 2-Phenylethanol <b>Karolina Chreptowicz</b> , Warsaw University of Technology, Poland
P3	Title: Determination and Quantification of Heavy Metals using Infrared Spectroscopy and Chemometric Techniques <b>Raul Delgado Macuil</b> , CIBA, IPN, Mexico
P4	Title: Solid-Phase Enzyme Catalysis of DNA End Repair Avoids Heat Treatment and Reduces GC-Bias in Next-Generation Sequencing of Human Genomic DNA <b>Aihua Zhang</b> , New England Biolabs, USA
P5	Title: The Mechanism of Action of Zingerone in the Pacemaker Potentials of Interstitial Cells of Cajal in Murine Small Intestine <b>Byung Joo Kim</b> , Pusan National University School of Korean Medicine, Republic of Korea
P6	Title: Determination of Optimal Sterilization Types for <i>In Vitro</i> Propagation of Walnuts Cultivars in Georgia <b>Iveta Megrelishvili</b> , Georgian Technical University, Georgia
P7	Title: Definition of Optimal <i>In Vitro</i> Conditions for Different Maturity Potato Cultivars <b>Maia Kukhaleishvili</b> , Georgian Technical University, Georgia
P8	Title: Affinity Protein Purification Resulting in Protein Sequence without Remaining Amino Acid Residues <b>Heba Alaa Eldeen Hosiny Abd Elhameed</b> , University of Szeged, Hungary
P9	Title: Development of the Method of Isolation, Culturing and Assessment of Metabolic Ability of Bacteria from Species <i>Desulfovibrio Desulfuricans</i> <b>Katarzyna Ciemiak</b> , Poznan University of Life Sciences, Poland
Lunch Break: 12:30-13:15 @ Restaurant	



**Poster Presentations (Session 2: P10-P21): 13:30-15:30 @ Diana**

Poster Judge: **Taghrid Istivan**, RMIT University, Australia  
**Roger A Laine**, Louisiana State University, USA

P10	Title: Violacein as a Bioactive Compound of Microbiological Origin-Bioproduction and Anti-Melanoma Activity <b>Patrycja Kowalska</b> , Warsaw University of Technology, Poland
P11	Title: Separation of Proteins on Ion-exchange Resins <b>Aleksandra Zawodnia</b> , Poznan University of Life Sciences, Poland
P12	Title: Development of Eubiotic Preparation for Domestic Livestock <b>Aleksandra Wanczyk</b> , Poznan University of Life Sciences, Poland
P13	Title: Development of Multifunctional Diet Supplements Containing Alpha-Ketoglutaric Acid <b>Paulina Maciejewska</b> , Poznan University of Life Sciences, Poland
P14	Title: Direct Screening and Isolation of Microorganisms for a Biofertilizer Formulation <b>Laura Jeannette Garcia Barrera</b> , CIBA-IPN, Mexico
P15	Title: Digestate Concentration and Harvest Intervals Effects on Yield of Forage Grasses And Legumes <b>Laura Jeannette García Barrera</b> , CIBA-IPN, Mexico
P16	Title: Natural Herbal Remedies for the Treatment of Chronic Skin Ulcers in Animal Models <b>Diana Sami</b> , The American University in Cairo, Egypt
P17	A Novel Antibacterial and Anti-fungal Agent from Eichhornia crassipes (Water Hyacinth) <b>Bharat kwartra</b> , St. Mark's School, India
P18	Title: The Effect of Stress on Behavior and Immunity in Wistar Rats <b>Sansri Soraya</b> , University Badji Mokhtar Annaba, Algeria
P19	Title: Evaluation of Phenomenological Variables by Applying Compost and Digestate to Different Concentrations in Lettuce Cultivation ( <i>Lectuca Sativa</i> L.) <b>Jeisel Delgado Flores</b> , CIBA-IPN, Mexico
P20	Title: Screening, Characterization, and Biocatalytic Capacity of Lipase Producing Wild Yeasts from Makiling Forest Reserve (MFR) Philippines <b>Julianne Vilela</b> , University of the Philippines, Philippines
P21	Evaluation of a Panel of CirRNAs Expression as a Novel Potential Biomarker in Hepatocellular Carcinoma <b>Kerolosatallashehata</b> , Armed Forces College of Medicine, Egypt

Coffee Break: 15:30-15:45 @ Foyer Area

# Biotech-2019

## 2nd International Biotechnology and Research Conference

2019 Rome, Italy

