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23rd European Biotechnology Congress

October 21-22, 2019
Zurich, Switzerland



SCIENTIFIC PROGRAM

Day 1
21-Oct-19

Title: Metagenomic Analysis in a Biopurification System used to Pesticides Degradation

M Cristina Diez, University of La Frontera. Temuco, Chile.

Title: Solid Waste Management through Generation Of Green Energy And Organic Fertilizer

Veeravilli Suryanarayanai, Sai Aditya College of Engineering and Technology, India

Speaker slots are Avaiable

Speaker slots are Avaiable

Title: Endophytic bacterial L-asparageanase from Simaroubagluaca and study of its anticancer effect

P. C. Madhu, MET'S School of Engineering, India

Title: miRNCDH- microRNA-516-3p, a novel circulating miRNA differentially expressed in HCV and HCV related HCC Egyptian Patients

Samar Samir Youssef, National Research Centre, Egypt

Title: A Novel Versatile Antibody-Drug Conjugate for Cancer Therapy

Chuan-Lung Hsu, Development Center for Biotechnology, Taiwan

Title: Towards Engineering magneto-receptive E. coli

Rupali Reddy Pasula , Nanyang Technological University, Singapore

Speaker slots are Avaiable

Title: Isolation and characterization of new hydrophobins from marine fungi fed using complex carbohydrates from seaweed

Catalina Landseta Salgado, University of Chile, Chile

Title: Identify the causes of reduced productivity in industrial strains of the fungus Penicillium sp

A. M. Rozhkova, Russian Academy of Sciences, Russia

Title: -glucosidases from Penicillium and Aspergillus expression, purification, and catalytic properties

Ivan N. Zorov1, Federal Research Center of Biotechnology, Moscow, Russia

Title: Incorporation of an azurin from Pseudomonas fluorescens 198 coupled to CuInS2 quantum dots as photosensitizer in Grätzel cells

Carolina Paz Quezada , Universidad Andrés Bello, Chile

Title: Biodegradation of Cotton Stalks for Protein-Rich Feed Production by Co-Cultivation of Pleurotus ostreatus and Azospirillum brasilense Grown on Solid State Fermentation

Bahaa T. Shawky, National Research Centre, Egypt

Speaker slots are Avaiable

Problems associated with small scale plasmid dna isolation, restriction digestion and agarose gel electrophoresis

Magaji Sanusi, ATAPOLY, Nigeria

Title: Parthenium hysterophorus Biomass as a Potential Feedstock for Biofuel-ethanol Production

Bijender Kumar , University of Jammu, India

Title: Color-Tunable ZnSe:Mn2+/Eu2+ and ZnSe:Mn2+,Eu2+/ZnS Core/Shell Quantum Dots for Use as a Biosensor in Clinical Diagnostic: Evaluation of Toxicity and Functional Uptake by Macrophages

Zahid U Khan , University of Sao Paulo, Brazil

Title: Bioaugmentation of a Biopurification System to Improve a Mixture of Pesticides Degradation

Felipe Gallardo, La Frontera University, Chile

Title: Microbial degradation of organophosphate pesticide malathion

Baljinder Singh, Panjab University, India

Title: Adenoviral Transduction of MyoD1 to mediate skeletal myogenic differentiation of Human Primary Fibroblasts

Reem Hamed, Cairo University, Egypt

Title: Conferring resistance to begomoviruses with novel CRISPR-Cas9 system

Muhammad Salman Mubarik, University of Agriculture, Pakistan

Title: Formulation of non-ionic surfactant vesicles (NISV) prepared by microfluidics for therapeutic delivery of siRNA into cancer cells

Mohammad Ali Obeid, Yarmouk University, Jordan

Title: Electronic water can reduce oxidative stress in cancer and diabetes patients for 3 weeks drinking

Masahiro Onuma, Trisguide ltd, Japan

Title: E-BABE- Improvement of crop production under greenhouse using a solar air collector using one packed bed of latent storage energy

Douja Sellami, Thermal Processes Laboratory-Center of Energy Research and Technologies, Tunisia

Speaker slots are Avaiable

Day 2

22-Mar-19

Introduction

Title: New approach to disinfection of historical objects from the Auschwitz-Birkenau State Museum (Poland) in order to protect cellulosic materials from biodegradation with the use of vapourised hydrogen peroxide (VHP)

Dorota Rybitwa, Univeristy in Poland, Poland

Title: : Purification and characterization of Feather Degrading Keratinase from the Newly isolated Poultry Farm Fungus Aspergillus sp. DHE7

Dina Helmy El-Ghonemy, National Research Centre, Egypt

Speaker slots are Avaiable

Title: Moringa oleifera and Spirulina platensis as functional feed additives on, lipid profile, fatty acid and oxidative stability of commercial broiler chicken meat

Farhana Sharmin, Bangladesh Livestock Research Institute, Bangladesh

Title: Moving towards operational clinical trials for germline gene editing- Minding the gaps!

Tamanda Kamwendo, University of Kwazulu Natal , South Africa

Title:New coumarin derivative from marine Aspergillus sydowii ASTI

Ahmed S. Abdel-Razek, National Research Centre (NRC), Egypt

Speaker slots are Avaiable

Title: Diversity of Spider in Rain Forest of The Nilgiris, Tamilnadu, India

Jayaraman Dharmaraj, Bharathiar University, India

Title: Diagnosis of a suspected Rift Valley Fever outbreak using IgM captured ELISA in Sudan

T. M. A. A. Elhassan, Central Veterinary Research Lab, Sudan

Title: Evalution effct of N-acetylcystein loaded niosomes on liver function in paraquat acute poisoning in male rats

Safoura Karami, Hamadan university of Medical Science, Iran

Title: New approach for production of volatile and acephenanthrylene constituents (anti-breast cancer) using biotic and abiotic elicitors in cell cultures of Pimpinella anisum L.

Nermeen M. Arafa, National Research Center, Egypt

Title: Short chain fatty acids and mineralocorticoid receptor blockade improves glucose dysmetabolism induced by gestational androgen excess and antioxidant defenses in rats via the adenosine deaminase/xanthine oxidase pathway

Taofeek Oluwamayowa Usman, Makerere University, Uganda

Speaker slots are Avaiable

Title: Protection by Dialium indium (fruit) against pb2+-induced microcytic anemia and chromosome aberration in albino rats in vivo

Tugbobo Oladimeji Samuel, Federal Polytechnic, Nigeria

Title: Comparison of conventional and modern approachs in the development and manufacturing of monoclonal antibodies

Yakob Gebregziabher Tsegay, University of Gondar, Ethiopia

Title: VAYU Sense Intelligent Controller Solution – Next-Gen Fermentation Optimization

Dalit Weinstein Fischer, VAYU Sense LTD, Israel

Title:Study of mTOR Gene Expression in Plasma Based MicroRNA-7 / Chitosan Complexes in Hepatocellular Carcinoma Cell Lines

Melek Evirgen, Marmara University, Turkey

Title:Creation of doubled haploids lines of barley (Hordeum vulgare L.) drought tolerant through anther culture.

Brahmi Wejden, National Agricultural Institute of Tunisia, Tunisia

Title: Isolation and characterization of phosphate solubilizing bacteria from quinoa rhizospheric soil and their early plant growth potential

Ismail Mahdi, Mohammed VI Polytechnic University, Morocco

Speaker slots are Avaiable

Speaker slots are Avaiable

Panel Discussion

PAST AFFILIATES

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Glimpses of Euro Biotechnology Conferences

















Zurich Attractions



Scientific Program

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2171 Conference



21st European Biotechnology Congress

October 11-12, 2018 | Moscow, Russia

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DAY-1

October 11, 2018

Meeting Hall: Winter garden

09:00-09:30 Registrations

Opening Ceremony 09:30-10:00

KEYNOTE FORUM

10:00-10:40 **Title: Next Step in drug delivery: Getting Inside cells and to individual organelles**
Vladimir P Torchilin, Northeastern University, USA

GROUP PHOTO

Networking & Refreshments 10:40-11:00 @ Foyer

11:00-11:40 **Title: Personalized and Precision Medicine (PPM) as a model of healthcare services of the newest generation to be promoted via translational applications and biodesign resources**
Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

11:40-12:20 **Title: Stopping biological time: Science and art of biostabilization**
Igor I Katkov, Belgorod National State Research University, Russian Federation

Sessions: Environmental Biotechnology | Bioprocess and Fermentation Technology | Agriculture Biotechnology Molecular Biotechnology and Genetics | Pharmaceutical Biotechnology and Drug Design

Chair: Igor Katkov, Belgorod National State Research University, Russian Federation
Co-Chair: Farouk El-Baz, National Research Centre, Egypt

INTRODUCTION

12:20-12:40 **Title: Growing scenedesmus obliquus microalgae in photobioreactor for biomass and biodiesel production**
Farouk El-Baz, National Research Centre, Egypt

12:40-13:00 **Title: Production of antibody fragments with plasmid-based and genome integrated T7 E. coli expression systems: Evaluation of systems performance in microtiter fed-batch like cultivations**
Monika Cserjan, University of Natural Resources and Life Sciences, Austria

13:00-13:20 **Title: A new direction for viral infections management**
Petrova Natalia Vladimirovna, Institute of General Pathology and Pathophysiology, Russia

Lunch Break 13:20-14:20 @ Rasputin

14:20-14:40 **Title: Triticum monococcum based genes as a source of salt tolerance in Turkish wheat genotypes**
Erdogan Esref Hakki, University of Selcuk, Turkey

14:40-15:00 **Title: Physiological responses of nitric oxide applications on diverse crops grown under abiotic stress conditions**
Mehmet Hamurcu, University of Selcuk, Turkey

15:00-15:20 **Title: Hyper-production and stability of human serum albumin in Pichia pastoris through a combination of medium design and genetic strategies**
Saroj Mishra, Indian Institute of Technology Delhi, India

15:20-15:40 **Title: Exogenous application of dsRNA for fruit developmental improvement**
Christopher Alexis Cedillo-Jimenez, Autonomous University of Queretaro, Mexico

Networking & Refreshments 15:40-16:00 @ Foyer

16:00-16:20 **Title:Standardization of products of biotechnological sericulture by parthenocloning and cryobanking of transgenic clonal silkworms**
Valeriya Zabelina, National Agriculture and Food Research Organization, Japan

16:20-16:40 **Title: Single dose acute toxicology in preclinical trial: The basic step in drug discovery and development**
Yilkal Belay, Makerere University, Uganda

Panel Discussion

DAY-2

Day 2 October 12, 2018

Meeting Hall: **Winter garden**

KEYNOTE FORUM

10:00-10:40 **Title: Antibodies with functionality as a new generation of translational tools to monitor, to predict and to prevent demyelination**
Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

Networking & Refreshments 10:40-11:00 @ Foyer

11:00-11:40 **Title: KrioBlast™-3 - a three module system for efficient cryopreservation of unfreezable cells**
Igor I Katkov, Belgorod National State Research University, Russian Federation

Sessions: Oncolytic Biotechnology| Molecular Biotechnology and Genetics| Microbial Biotechnology

Chair: Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

INTRODUCTION

11:40-12:00 **Title: Research on the testing of products with biostimulatory effect based on amino acid with potential in the treatment of rape seed**
Mihai Gidea, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

12:00-12:20	**Title:Elevated expression of cytosolic phospholipase A2 delta is associated with hepatocellular carcinoma progression: Animal study validated with sera of liver cancer patients** **Maryam Ranjpour Aghmiouni,** Jamia Hamdard University, India
12:20-12:40	**Title: Single nucleotide polymorphisms and haplotype analyses in tilapia fish inferred from mtDNA D-loop and Cyt-b regions** **Ekei Ikpeme,** University of Calabar, Nigeria
12:40-13:00	**Title: BACTEC MGIT 960 system and Classic Lowenstein-Jensen culture in the diagnosis and drug susceptibility of Mycobacterium tuberculosis from pulmonary specimens, at the Pasteur Institut of Algeria** **Ferhat Djoudi,** Abderrahmane Mira University of Bejaia, Algeria

Lunch Break 13:00-14:00 @ Rasputin

POSTER PRESENTATION @FOYER 14:00-14:40

PS 1	**Title: Xeropreservation (drying without freezing) as the viable alternative to lyophilization (freeze-drying)** **Igor I Katkov,** Belgorod National State Research University, Russian Federation
PS 2	**Title: Novel *Bacillus* sp. isolates producing 2,3-butanediol have the potential to degrade lignocellulose** **Kaloyan K Petrov,** Institute of Microbiology - BAS, Bulgaria
PS 3	**Title: *De novo* whole genome sequencing of 2,3-butanediol producing *Bacillus* sp. strain 5RB** **Penka M Petrova,** Institute of Microbiology, BAS, Bulgaria
PS 4	**Title: Production strategies of thyroid peroxidase from *Branchiostoma belcheri* in *Escherichia coli*** **Monika Chovanova,** Comenius University in Bratislava, Slovakia
PS 5	**Title: Luciferase of the syllid polychaete *Odontosyllis undecimdonta*** **Ekaterina S Shakhova,** Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russia
PS 6	**Title: Thermostable catalase as an excellent supplement for growth media of industrially important lactic acid bacteria strains** **Eva Struharnanska,** Comenius University in Bratislava, Slovakia
PS 7	**Title: Herbicide absorption and translocation in plants and soil using radioisotopes** **Lydia Bondareva,** F.F. Erisman Federal Scientific Centre of Hygiene, Russia
PS 8	**Title: Synthesis and physicochemical characterization of hydroxyapatite HAP nanoparticles** **Djalila Boudemagh,** Ferhat Abbas University, Algeria
PS 9	**Title: Research on the use of amino acid products in the treatment of sunflower crops** **Mihai Gidea,** University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

Awards & Closing Ceremony