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Scientific Program



July 16 - 17, 2018
Berlin, Germany

World Biotechnology Congress

Pulsus Group
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Day 1 : July 16, 2018

Hall

08:30 - 09:30	Registrations
09:30 - 09:55	Opening Ceremony

Keynote Forum

Introduction

09:55 - 10:00

10:00-10:40	Title: The New Biology of Epigenetics Akuma Saningong, Maximizing Your Potential - Empowering you, Germany
10:40 - 11:20	Title: RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section. Joel I. Osorio, Regenerative Medicine and Functional Nutrition Clinic, USA

Refreshments and Networking Break 11:20-11:40

11:40 - 12:20	Title: Life in balance as the most powerful energy to matter, matter to energy convertor Antonio Cruz, Kurago Biotek, Mexico

Session Introduction

Sessions: Plant Biotechnology | Medical Biotechnology and Biomedical Engineering | Stem Cell Biotechnology

12:20 - 12:50	Title: De-novo transcriptome assembly for gene identification and molecular marker discovery in Capsicum annuum L exposed at high-intensity UV-B irradiation Luis Lightbourn, Instituto de Investigation Lightbourn, Mexico
12:50 - 13: 30	Title: Reduced complexity, RCO: a leaf sculptor within the Brassicaceae family Mohsen Hajheidari, Max Planck Institute for Plant Breeding Research, Germany

Lunch Break 13:20-14:20

14:20 - 14:50	Title: Biological effects of plasma rich in growth factors in tissue regeneration. Benefits and easy use of biotechnologies in the daily practice of health practitioners. Olga Onyshchenko, BTI Biotechnology Institute, Ukraine
14:50 - 15:20	Title: Design of 3D bioprinted scaffolds for cartilage regeneration Gloria Pinilla, Regemat 3D, Spain

Refreshments and Networking Break 15:20 -15:40

15:40 - 16:10	Title: Deep wounds regeneration in diabetic foot patients, through the use of a biological scaffold (BIOANDAMIO®) constructed with extracellular matrix molecules, aliginate and microvesicles derived from endometrial mesenchymal stem cells. Ricardo Rangel-Martínez, Stemcylab360, Mexico

B2B Meetings & Networking

Day 2: July 17, 2018

Hall

Session Introduction

Sessions: Genetics and Molecular Biotechnology | Microbial and Biochemical Technology

10:00 - 10:40

Title: Generation of bacterial strains of production, with a growth-coupled focus to for its application in synthetic biology

Francisco Rodríguez Cruz, Metropolitan Autonomous University, Mexico

10:40 - 11:20

Title: Nanoparticles based bacterial identification kit

Debora Colombi, Genotyping Biotechnologia, Brazil

Refreshments and Networking Break 11:20-11:40

11:40 - 12:20

Title: Genetics and environmental trends in growth performance of Horro (Zebu) and crosses of Holstein Friesian and jersey cattle breeds

Habtamu Abera Goshu, Chinese Academy of Agricultural Science, Ethiopia

Young Research Forum12:20 - 12:45

12:20 - 12:45

Title :Anti-tumor activity of functionalized biomimetic magnetite nanoparticles produced in the presence of Mamc protein of magnetococcus marinus MC-1

Ana Peigneux, University of Granada, Spain

Lunch Break 12:45 - 13:45

Poster Presentation 13:45 - 14:45

WBC01

Title : Druggability analysis and classification of bacterial histidine kinase

Mohammad Al Sorkhy, Al Ain University of Science and Technology, UAE

WBC02

Title : Physical-chemical characterization of cassava harvest residues for application in combustion and pyrolysis processes

Alyson Rodrigues, Ceuma University, Brazil.

WBC03

Title: Screening of crop seedlings to salinity stress tolerance: The case of Pisum sativum var. abyssinicum A. Braun in Ethiopia

Berhane Gebreslassie, Bahir Dar University, Ethiopia

WBC04

Title:Co-expression of recombinant chains of monoclonal antibody against VEGF in yeast

Shirin Movaghar Asareh, Shahid Beheshti University, Iran

WBC05 **Title:Phenotypic and proteomic evaluation of EMS-induced mutants of Nigella sativa**

Ambreen Asif, Aligarh Muslim University, India

WBC06 **Title:Effect of spry drying, high pressure and UV radiation in the quality of human milk**

Ariana Rodríguez Arreola, Universidad de Guadalajara , Mexico

WBC07 **Title : Development of chestnut (Castanea sativa mill.) micropropagation through zygotic embryogenesis**

Tamari Kutchava, Tbilisi state university, Georgia

WBC08 **Title : Attachment and histopathological changes iduced by the ectoparasites, copepodean Lernanthropus kroyeri and the monogenean Diplectanum aequans to the gills of economic fishes in Egypt**

Abdelaziz A. Khidr , University of Dammiat, Egypt

Refreshments and Networking Break (14:45- 15:05)

Award and Closing Ceremony

B2B Meetings & Panel Discussions

