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577th Conference

Scientific Program

11th World Congress on **Biotechnology & Biotech Industries Meet**

July 28-29, 2016 Berlin, Germany



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 July 28, 2016

08:00-09:00 Registrations

Esperanto I+II

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09:00-09:30

Opening Ceremony

Keynote Forum

09:30-10:15 **Title: Lignin: A natural antioxidant isolated via selective extraction from lignocellulose feedstock to be used in packaging applications**
Margit Ingeborg Schulze, Bonn-Rhein-Sieg University of Applied Sciences, Germany

10:15-11:00 **Title: Pichia process optimisation by co-feeding procedure : How to reduce oxygen uptake and heat generation without loss of pAOX1 promoter induction**
Patrick Fickers, Gembloux Agro BioTech, University of Liege, Belgium

Coffee Break 11:00-11:15 @ Main Lobby

Sessions: Molecular Biotechnology | Industrial Biotechnology | Biotechnology Applications | Microbial Biotechnology | Immunology and Biopharmaceuticals | Nanobiotechnology

Session Introduction

Session Chair: **Ho Jeong Kwon**, Yonsei University, South Korea

Session Co-chair: **Kristian M Muller**, Bielefeld University, Germany

11:15-11:45 **Title: Optimization of lipase production by solid state bioprocess using packed bed bioreactor**
Faiez Alani, McMaster University, Canada

11:45-12:15 **Title: Biodegradation of effluents from wood furniture industry in anaerobic reactors**
Maria Helena Gomes, University of Aveiro, Portugal

12:15-12:45 **Title: Therapeutic potential of human adipose tissue-derived multi-lineage progenitor cells in non-alcoholic fatty liver disease**
Hanayuki Okura, National Institutes of Biomedical Innovation, Japan

12:45-13:15 **Title: Replenishment of recombinant UQCRB protein induces angiogenesis in vitro and in vivo**
Ho Jeong Kwon, Yonsei University, South Korea

Lunch 13:15-14:00 @ Element I+II Restaurant

14:00-14:30 **Title: Recombinant adeno-associated viruses (rAAV) retargeted for cancer therapy**
Kristian M Muller, Bielefeld University, Germany

14:30-15:00 **Title: Antioxidant activity, total phenolic and flavonoid contents of callus and rhizome extracts of ginger (Zingiber officinale Rosc)**
Mawahib ElAmin Mohamed EINour, University of Khartoum, Sudan

15:00-15:30 **Title: Identification of Uropathogens using Facu's Media: A comparative study with other conventional media**
Festus Chukwuemeka Onwuliri, Federal University Lafia, Nigeria

15:30-16:00 **Title: Engineering bacteria for the discovery of potential therapeutic compounds against protein misfolding diseases**
Georgios Skretas, National Hellenic Research Foundation, Greece

Coffee Break 16:00-16:15 @ Main Lobby

16:15-16:45 **Title: Cancer caused by UV radiation from nanoparticles in GM food**
Thomas Prevenslik, QED Radiations, China

16:45-17:15 **Title: Development of robust pHT expression vectors based on Pgrac promoters for Bacillus subtilis**
Hoang Duc Nguyen, VNUHCM-University of Science, Vietnam

Panel Discussion

Day 2 July 29, 2016

Esperanto I+II

Sessions: Applications of Biotechnology | Cell Culture | Microbial Biotechnology

Session Introduction

Session Chair: **Kristian M Muller**, Bielefeld University, Germany

10:00-10:30 **Title: A painless device for long-term, continuous drug delivery and bio-sensing via dental implant**
Li Yu-Jung, St. Mary's Junior College of Medicine, Taiwan

10:30-11:00 **Title: The preparation of a recyclable catalyst of silver nanoparticles dispersed in mesoporous silica nanofiber matrix**
Dalong Li, Aarhus University, Denmark

Coffee Break 11:00-11:15 @ Main Lobby

11:15-11:45 **Title: Wound healing effects and antimicrobial property of leaf extract of *Spermacoce verticillata* Linn (*Rubiaceae*)**
Edith Adanna Onwuliri, University of Jos, Nigeria

11:45-12:15 **Title: Preparation of poly (methyl ether vinyl-co-maleic acid)-based smart hydrogels and its influence on ovarian cancer stem cells**
Naizhen Zhou, Southeast University, China

12:15-12:45 **Title: Cost reduction in the development of aflatoxin immunoaffinity columns**
Ozlem Ertekin, The Scientific and Technological Research Council, Turkey

Lunch 12:45-13:30 @ Element I+II Restaurant

Poster Presentations @ 13:30-15:30

BC01 **Title: Improvement of ramoplanin production by submerged fermentation of *Actinoplanes* sp. ATCC 33076 using metal sulfates**

Deniz Erkan, Dokuz Eylul University, Turkey

BC02 **Title: Phenylpropanoid pathway response to cadmium and lead stress in *Phaseolus vulgaris* roots and leaves**

Zehra Tavsan, Dokuz Eylul University, Turkey

BC03 **Title: Construction, expression and characterization of a cancer-specific fusion protein targeting CD22 in B-cell malignancies**

Solmaz Agha Amiri, Shahid Beheshti University of Medical Sciences, Iran

BC04 **Title: EpCAM and claudins as cancer biomarkers in ovarian and colon cancer**

Zehra Tavsan, Dokuz Eylul University, Turkey

BC05 **Title: High level expression of a functional humanized single-chain variable fragment (scFv) antibody against CD22 marker in *Pichia pastoris***

Najmeh Zarei, Pasteur Institute, Iran

BC06 **Title: Improvement of ramoplanin production by submerged fermentation of *Actinoplanes* sp. ATCC 33076 using animal origin protein meals**

Deniz Erkan, Dokuz Eylul University, Turkey

BC07 **Title: Mathematical modelling of the diffusion profiles of Briggs-Rauscher reaction components in a microreactor**

Ana Jurinjak Tušek, University of Zagreb, Croatia

BC08 **Title: Determination of correlations between electrical conductivity, dry matter, total polyphenolic content and antioxidant capacity of chamomile extracts (*Matricaria recutita* L.)**

Maja Benkovic, University of Zagreb, Croatia

BC09 **Title: Modification of Hydrophobic Domain of Signal Peptide for Enhanced Production of Recombinant Therapeutic Proteins**

Duk Jae Oh, Sejong University, Korea

Closing Ceremony & Awards Presentation @ 15:30-15:45

Coffee Break 15:45-16:00 @ Main Lobby

Bookmark Your Dates

15th World Congress on

Biotechnology and Biotech Industries Meet

March 29-30, 2017 Rome, Italy

Website: www.industrial-biotechnology.omicsgroup.com

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