

17TH EURO BIOTECHNOLOGY CONGRESS

September 25-27, 2017 Berlin, Germany



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Day 1 September 25, 2017

08:30-09:00 Registrations

Meeting Room: Glienicke

conference**series**.com 09:00-09:30

Opening Ceremony

Keynote Forum

Introduction

09:30-10:15 **Title: Spray flash evaporation for the continuous production of high performance nano-drugs: New challenges for a new disruptive process**

Denis Spitzer, French-German Research Institute of Saint-Louis, France

10:15-11:00 **Title: Production of Industrial Enzymes in Maize**

Elizabeth E Hood, Arkansas State University, USA

Group Photo & Networking and Refreshments Break 11:00 -11:20 @ Foyer

11:20-12:05 **Title: Industrial biotechnology application in fuel and chemical production**

Anli Geng, BioEnergy Society of Singapore, Singapore

Sessions: Environmental Biotechnology | Industrial and Microbial Biotechnology | Plant and Agriculture Biotechnology

Session Chair: Fuad fares, University of Haifa, Israel

Session Co-chair: Elizabeth E. Hood, Arkansas State University, USA

Session Introduction

12:05-12:35 **Title: Early phase value scan for biotechnology innovation**

Mark JC Nuijten, A2M, Netherlands

12:35-13:05 **Title: Identification and cytogenetic characteristics of oat DH lines obtained by wide crossing with maize**

Tomasz Warzecha, Agricultural University of Kraków, Poland

Lunch Break 13:05 - 14:00 @ Restaurant Theodor's

14:00-14:30 **Title: Mapping and detection of phylloxera in vineyards using UAVs, hyperspectral remote sensing and artificial intelligence**

Felipe Gonzalez, Queensland University of Technology, Australia

14:30-15:00 **Title: Molecular cloning and characterization of the small heat shock protein family in the spruce budworm, *Choristoneura fumiferana***

Guoxing Quan, Great Lakes Forestry Centre, Canada

15:00-15:30 **Title: Kinetic parameters of adsorption of pesticides in an organic matrix with agro-industrial and lignocellulosic residues for a bio-purification system**

Maria Cristina Diez, University of La Frontera, Chile

15:30-16:00 **Title: Hyper cellulase-producing fungus *Talaromyces pinophilus* EMM development through random mutagenesis and genetic engineering**

Anli Geng, BioEnergy Society of Singapore, Singapore

Networking and Refreshments Break 16:00-16:20 @ Foyer

Panel Discussion

Day 2 September 26, 2017

Meeting Room: Glienicke

Keynote Forum

09:00-09:45 **Title: Drug screening and discovery using human pluripotent stem cell derived cells**

Dong-Hun Woo, NEXEL Co. Ltd., South Korea

09:45-10:30 Title: **Novel methods for designing long acting agonists and antagonists of glycoprotein hormones**

Fuad fares, University of Haifa, Israel

Sessions: Biotechnology in Medical and Healthcare | Pharmaceutical Biotechnology

Session Chair: Emmanuel Loeb, Patho-Logica, Scientific Park Ness Ziona, Israel

Session Co-Chair: Tomasz Warzecha, Agricultural University of Kraków, Poland

Session Introduction

10:30-11:00 Title: **Free floating brain sections for immunofluorescence markers: A technical and scientific approach**

Emmanuel Loeb, Patho-Logica, Scientific Park Ness Ziona, Israel

Networking and Refreshments Break 11:00-11:20 @ Foyer

11:20-11:50 Title: **Biotechnologically produced D-lactic acid – starting material for biopolymers**
Anja Kuenz, Thünen-Institute of Agricultural Technology, Germany

11:50-12:20 Title: **Assessment of invasive grasses using unmanned aerial vehicles: A machine learning approach**

Felipe Gonzalez, Queensland University of Technology, Australia

12:20-12:50 Title: **Application of laccase during the attainment of PVA hydrogels reticulated with ferulic acid**

Andreia de Araújo Morandim-Giannetti, Centro Universitário da FEI, Brazil

Lunch Break 12:50-13:50 @ Restaurant Theodor's

Special Session

13:50-14:50 Title: **The first steps in becoming a biotech entrepreneur; why it's easier and more cost efficient than you think?**

John B Carrigan, SOSV-Penrose Wharf, Ireland

Young Research Forum

Session Chair: Fuad fares, University of Haifa, Israel

14:50-15:10 Title: **Atrazine degradation by *Arthrobacter* sp. ZXY-2: Kinetics, pathway, gene expression response and genomic characterization**

Xinyue Zhao, Harbin Institute of Technology, China

15:10-15:30 Title: **Improved lipid biosynthesis in *E. coli* through heterologous expression of a plant thioesterase**

David Bolonio, Universidad Politécnica de Madrid, Spain

15:30-15:50 Title: **Characterizing constitutive promoters in yeast**

Sabrina Schulze, University of Potsdam, Germany

15:50-16:10 Title: **Orthogonal regulation of gene expression in yeast using plant-derived transcription factors**

Gita Naseri, University of Potsdam, Germany

Networking and Refreshments Break 16:10-16:30 @ Foyer

Poster Presentations 16:30-17:30 @ Foyer

P01 Title: **From glycolate to methane – A new biofuel production concept**

Anja Taubert, Leipzig University, Germany

P02 Title: **Molecular characterization of *Chlamydomonas reinhardtii* for adaption to a technical biofilm**

Soeren Schmechta, University of Leipzig, Germany

P03 Title: **Synthesis of alkydic resins by enzymatic alcoholysis**

Andreia de Araújo Morandim Giannetti, Centro Universitário da FEI, Brazil

P04 Title: **Obtaining cellulose acetate from coir fiber subjected to treatment with the ionic liquid n-butylammonium acetate**

Andreia de Araújo Morandim Giannetti, Centro Universitário da FEI, Brazil

- P05 Title: Variation in the ovine and caprine keratin-associated protein 22-2 gene**
Yuzhu Luo, Gansu Agricultural University, China
- P06 Title: Removal of metals from synthetic acid mine drainage (AMD) using an organic bio-mixture in continuous system**
Maria Cristina Diez, La Frontera University, Chile
- P07 Title: Production of biopolymers by bacterial cells**
Ilona Jonuskiene, Kaunas University of Technology, Lithuania
- P08 Title: Production of the antioxidant ascorbyl palmitate by an innovative process of synthesis and purification**
Ronald Skewes, Pontifical University Catholic of Valparaiso, Chile
- P09 Title: Genetic diversity of alfalfa breeding populations revealed by SSR markers**
Ksenija Taski- Ajdukovic, Institute of Field and Vegetable Crops, Serbia
- P10 Title: Differential expression of anthocyanin biosynthesis genes and transcription factors determines coloration patterns in gerbera flowers**
Hyun Young Song, Kyungpook National University, Korea
- P11 Title: Overexpression of snapdragon *Delila* (Del) gene in tobacco enhances anthocyanin accumulation and abiotic stress tolerance**
Aung Htay Naing, Kyungpook National University, South Korea
- P12 Title: Effects of plants growth regulators and carbon sources on *in vitro* shoot elongation, rooting, and plantlet acclimatization of date palm (*Phoenix dactylifera* L.) cv. Mejhoul**
Meziani Reda, Institut National de la Recherche Agronomique, Morocco
- P13 Title: The effects of sucrose on *in vitro* tuberization of potato cultivars**
Iveta Megrelishvili, Georgian Technical University, Georgia
- P14 Title: Determination of phytotron optimal condition for *in vitro* potato ontogenesis**
Maia Kukhaleishvili, Georgian Technical University, Georgia
- P15 Title: Increased luteolin and myricetin biosynthesis in the suspension culture of *Scrophularia striata* Boiss. By chitosan**
Maryam Kamalipourazad, Tarbiat Modares University, Iran

Panel Discussion

Day 3 September 27, 2017

Awards & Closing Ceremony

Extended Networking and Lunch @ Restaurant Theodor's 12:30-13:30



Bookmark your dates

18th EURO BIOTECHNOLOGY CONGRESS

October 11-12, 2018 Moscow, Russia

E-mail: eurobiotechnology@geneticconferences.com; eurobiotechnology@conferenceseries.net

Website: www.biotechnologycongress.com/europe