Tentative Program

20th Global Congress on

Biotechnology



biotechcongress@geneticconferences.com

300+ Participation

12+ Interactive Sessions

15+ Keynote Lectures

75+ Plenary Lectures

5+ Workshops

Conference Secretariat

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Tentative Program

20th Global Congress on Biotechnology

conferenceseries.com

March 5-7, 2018 London, UK

Program at A Glance

Day 1

Morning Sessions	Reception|Registration	08:00-09:00	
		Time	General Session
	Least of 3 Keynote|Plenary Talks	09:00-09:15	Inaugural Address
		09:15-09:45	Keynote|Plenary Talk 1
		09:45-10:15	Keynote|Plenary Talk 2
		10:15-10:45	Keynote|Plenary Talk 3
	Panel Discussions|Group Photo		
	Coffee|Tea Break 10:45-11:00 (Networking)		
	11:00-12:40		CRISPR Based Technologies and Bio-products
Evening Sessions	**Lunch Break 12:40-13:30**		
	13:30-15:30		Industrial Biotechnology
	Coffee|Tea Break 15:30-15:45 (Networking)		
	15:45-17:25		Bioeconomy|Biotechnology and Bioprocess Engineering
			Biotechnology Applications

Day 2

Morning Sessions		Time	Session 1	Session 2
	09:00-10:40		Keynote Forum	Pharmaceutical Biotechnology
	Coffee|Tea Break 10:40-10:55 (Networking)			
	10:55-12:35		Environmental Biotechnology | Biomass and Bioenergy	Plant and Agriculture Biotechnology
Evening Sessions	**Lunch Break 12:35-13:25**			
	13:25-15:05		Special Sessions	Special Sessions
	Coffee|Tea Break 15:05-15:20 (Networking)			
	15:20-17:00		Workshop	Poster Presentations

Day 3

Morning Sessions		Time	Session 1	Session 2
	09:00-10:40		Young Research Forum	Nano Biotechnology
	Coffee|Tea Break 10:40-10:55 (Networking)			
	10:55-12:35		Biotechnology Enterprise and Entrepreneurship| Biotechnology Products	Europe Biotech Market|Biotechnology Capital & Grants
Evening Sessions	**Lunch Break 12:35-13:25**			
	13:25-15:05		Biotechnology Investor & Partnering Forum	Current Scenario in Biotechnology
	Awards & Closing Ceremony			

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal.

Call for Abstract: http://biotechnology.conferenceseries.com/call-for-abstracts.php

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Major Scientific Sessions

- Frontiers in Biotechnology
- Biotechnology applications
- Pharmaceutical Biotechnology
- Medical Biotechnology
- Food biotechnology
- Agriculture biotechnology
- Animal biotechnology
- Industrial Biotechnology & Bioenergy
- Environmental biotechnology
- Nano biotechnology
- Marine biotechnology
- Molecular Biotechnology
- Microbial biotechnology
- Plant biotechnology
- Biotechnology in Diagnostics, Therapeutics & Analytical services
- Biotechnology for waste water treatment
- Biotechnology for biofuels
- Biotech applications in Genomics & Proteomics
- Genetic Engineering & Biotechnology
- Biotechnology & applied Biochemistry
- Biotechnology Entrepreneurship
- Biotechnology products
- Biotechnology companies & market analysis
- Euro-biotech market
- Biotechnology Capital & Grants
- Biotechnology Investor & partnering forum

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries

biotechcongress@geneticconferences.com

Conference Venue

London,UK

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America: Conference Series LLC
Nursing Global 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
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Canary Wharf



London parliament



London Eye



Madame Tussauds



Piccadilly-Circus



St.Paul's Cathedral



The O2 Arena



The Stadium Olympics

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901st Conference

Scientific Program

15th World Congress on

Biotechnology and Biotech Industries Meet



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Registrations

Olimpica 1

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Opening Ceremony

Keynote Forum

Title: Structure-guided design of selective matrix metalloproteinase (MMP) inhibitors and their application in animal models of multiple sclerosis, sepsis, and osteoarthritis
Gregg B Fields, Florida Atlantic University, USA
Title: Developing the bio-economy: Fast track discovery of new enzymes for efficient and value added biomass conversion
Lene Lange, Technical University of Denmark, Denmark
Title: Inhibition of protein tyrosine phosphatase-1B *in vitro* and *in vivo*
Marvin W Makinen, The University of Chicago, USA

Group Photo

Networking and Refreshment

Title: Choosing between patents and trade secrets for protecting biotech products or bio-production processes
Paul Calvo, Sterne Kessler Goldstein & Fox, USA
Title: AvidinOX-targeted delivery: A new way to improve efficacy of well-known monoclonal antibodies for cancer therapy
Rita De Santis, Sigma Tau SpA, Italy

Sessions: Structural Enzymology | Enzymology & Biochemistry

Session Chair: Rachel Chen, Georgia Institute of Technology, USA
Session Co-chair: Dejan Bezbradica, University of Belgrade, Serbia

Session Introduction

Title: Allokairic regulation of enzyme function
Brian G Miller, Florida State University, USA
Title: *Candida albicans* glutathione reductase downregulates Efg1-mediated cyclic AMP/ protein kinase A pathway and leads to defective hyphal growth and virulence upon decreased cellular methylglyoxal content accompanied by activating alcohol dehydrogenase and glycolytic enzymes
Min Kyu Kwak, Seoul National University, South Korea
Title: Biotechnological and molecular genetics approaches in the study of enzymes involved in the etiopathogenesis of dental caries
Petra Borilova Linhartova, Masaryk University, Czech Republic
Title: Enzymatic synthesis of prebiotic galacto-oligosaccharides: Application of nanobiocatalysts and structural characterization of product
Dejan Bezbradica, University of Belgrade, Serbia

Lunch Break

Title: The effect of natural deep eutectic solvent on laccase catalyzed polycatechin synthesis
Ayse Ezgi Unlu, Ankara University, Turkey
Title: Biochemical effect of some antioxidant on metabolic changes in experimentally induced tumor in female mice
Mohammed F. EL-Shiekha, October 6 University, Egypt
Title: Metabolic engineering strategies for effective use of glycosyltransferases in oligosaccharide synthesis
Rachel Chen, Georgia Institute of Technology, USA
Title: Inhibition of the RNA-dependent RNA polymerasic activity of *Flavivirus* NS5 by heterocyclic compounds
Giuseppe Manfroni, Università degli Studi di Perugia, Italy
Title: Knockdown of RPS3, a DNA repair endonuclease, impedes colon cancer growth and progression by decreasing lactate dehydrogenase activity
Zeina Nasr, University of Balamand, Lebanon
Title: Pharmacological chaperones for curing enzymopathies: The case of lysosomal alpha-galactosidase
Valentina Citro, University of Naples Federico II, Italy

Networking and Refreshment

Sessions: Pharmaceutical Biotechnology | Biotechnology in Healthcare | Industrial and Microbial Biotechnology | Environmental Biotechnology | Advances in Biotech Manufacturing

Session Chair: Jan Szopa, Linum Foundation, Poland

Session Co-chair: Enache Madalin, Institute of Biology Bucharest of the Romanian Academy, Romania

Session Introduction

Title: Internalization of antibody fragments directed against FGFR1

Lukasz Opalinski, University of Wroclaw, Poland

Title: Halophilic microorganisms from mural paintings in old Romanian historical monument church and their interactions with nanomaterials

Enache Madalin, Institute of Biology Bucharest of the Romanian Academy, Romania

Title: Application of enzymes in the pulp and paper industry

Mija Sezun, Pulp and Paper Institute, Slovenia

Title: Microbial bioconversions of biologically active P-C compounds: Scope and limitations of scaling-up

Ewa Zymanczyk-Duda, Wroclaw University of Science and Technology, Poland

Title: How to tune recombinant protein production in *E. coli* for enhanced proeduction of biopharmaceuticals?

Oliver Spadiut, TU Wien, Austria

Title: Cell wall integrity checkpoint protein Rlm1p as novel transcriptional regulator of F-box encoding gene SAF1 of S. cerevisiae during stress

V Verma, Sri Mata Vaishno Devi University, India

Title: The investigation of effects of commercial protease and *Bacillus subtilis* 168 E6-5 protease on felting and dyeing behaviour of 100% wool fabric

Tuba Sevgi, Uludag University, Turkey

Panel Discussion

Day 2 March 21, 2017

Olimpica 1

Keynote Forum

Title: Optimizing flax fibers for tomorrow's therapeutics

Jan Szopa, Linum Foundation, Poland

Title: Uranium bio-precipitation and recovery from high radiation environments: New approaches

Shree Kumar Apte, Homi Bhabha National Institute, India

Title: New drugs and catalysts inspired by glutathione peroxidase

Claudio Santi, University of Perugia, Italy

Networking and Refreshment Break

Title: Bromoperoxidase mimicking bromination catalysts

Toshiyuki Moriuchi, Osaka University, Japan

Sessions: Biotechnology Applications | Environmental Biotechnology | Agriculture Biotechnology

Session Chair: Shree Kumar Apte, Homi Bhabha National Institute, India

Session Introduction

Title: Screening of petroleum degrading *Bacillus spp.* strains isolated from different non-contaminated soil samples

Tuba Sevgi, Uludag University, Turkey

Title: Identification and characterization of a novel thermo stable and oxidant stable protease from Chumathang hot spring using functional metagenomics

Shafaq Rasool, Shri Mata Vaishno Devi University, India

Title: Salt tolerance of potato: Genetically engineered with *Atriplex canescens* BADH gene driven by 3 copies of CAMV35s promoter

Arfan Ali, University of Lahore, Pakistan

Special Session

Title: The extraribosomal role of ribosomal proteins
Zeina Nasr, University of Balamand, Lebanon

Lunch Break

Poster Presentations

BT-01	**Title: Lactic acid production from hemicellulosic fraction of sorgum bagasse by Lactobacillus pentosus** **Danielle da Silveira dos Santos Martins,** Federal University of Rio de Janeiro, Brazil
BT-02	**Title: Biorefinery safety: The role of INAIL in Italy** **Biancamaria Pietrangeli,** INAIL, Italy
BT-03	**Title: Antimicrobial activities of seeds extracts of *Prunus persica, Prunus cerasus, Prunus avium and Prunus armeniaca*** **Tuba Sevgi,** Uludag University, Turkey
BT-04	**Title: Construction, expression and characterization of a cancer-specific fusion protein targeting CD22 in B-cell malignancies** **Solmaz Agha Amiri,** Pasteur Institute of Iran, Iran
ENZ-05	**Title: Optimisation of catalase activity by *Rhodotorula glutinis* using experimental design** **Ayse Ezgi Unlu,** Ankara University, Turkey
ENZ-06	**Title: The role of liver CYP1A1 and CYP2E1 enzyme activities and lipid peroxidation level in diabetic rats** **Gökçe Kuzgun,** Ankara University, Turkey
ENZ-07	**Title: Novel human indoleamine 2,3-dioxygenase inhibitors form a long-lived complex with the enzyme** **Julie Alexandre,** Vertex Pharmaceuticals Ltd., UK
ENZ-08	**Title: Molecular study on the potential therapeutic activity of novel nanocomposite on cancerous tumor bearing mice** **Mohammed F. EL-Shiekha,** October 6 University, Egypt
ENZ-09	**Title: Ameliorative effect of some natural products on hepatic and renal functions in female mice bearing cancerous tumor** **Mohammed F. EL-Shiekha,** October 6 University, Egypt
ENZ-10	**Title: Catabolic route for 3-guanidinopropionic acid utilization by *Aspergillus niger*: Involvement of 4-guanidinobutyrase** **Tejaswani Saragadam,** IIT Bombay, India
ENZ-11	**Title: Molecular characterization of glutathione transferase M1-1 from the *Camelus dromedarius*** **Fereniki Perperopoulou,** Agricultural University of Athens, Greece
ENZ-12	**Title: Engineering of Tau class GSTs for the development of biosensor** **Foteini M Pouliou,** Agricultural University of Athens, Greece

Sessions: Enzymology in Drug Discovery | Clinical Enzymology

Session Chair: Anna Antecka, Lodz University of Technology, Poland
Session Co-chair: Wael M Rabeh, New York University Abu Dhabi, UAE

Session Introduction

Title: The catalytic and structural roles of the Human Hexokinase 2 in cancer
Wael M Rabeh, New York University Abu Dhabi, UAE
Title: Upstream and downstream processing of fungal laccase
Anna Antecka, Lodz University of Technology, Poland
Title: Continuous methods of fungal laccase concentration
Michał Blatkiewicz, Lodz University of Technology, Poland
Title: Thermophilic enzymes as industrial biocatalysts
Jennifer A Littlechild, University of Exeter, UK

Title: Cloning, expression and characterization of β-*xylanase* gene from *Thermotoga naphthophila*
Muhammad Nauman Aftab, Government College University, Pakistan

Networking and Refreshment Break

Title: Purification, characterization and application of marine *Aspergillus nomius* GWA5 tannase
Aida M Farag, National Institute of Oceanography and Fisheries, Egypt

Title: Enzymatic changes in obesity-related diseases
Hala Mourad Demerdash, Alexandria University Hospitals, Egypt

Title: Data analysis of the complexity applied biomedical monitoring of autism
Ammar I Shihab, University of Baghdad, Iraq

Young Research Forum

Session Chair: V Verma, Sri Mata Vaishno Devi University, India

Title: The role of Zeolite in reducing oxidative damage in tomato plants exposed to drought
Dino Hasanagic, University of Banja Luka, Bosnia and Herzegovina

Title: Electroconducting π-conjugated N-nonylaryl oligomers as a matrix in the construction of laccase biosensors
Agnieszka Jedrychowska, Wroclaw University of Technology, Poland

Title: Bio-logic oxidation in organic synthesis
Francesca Mangiavacchi, University of Perugia, Italy

Title: Investigating miRNA-661 and ATG4b mRNA expression as potential biomarkers for hepatocellular carcinoma
Osama saber, Armed Forces College of Medicine, Egypt

Panel Discussion

Award & Closing Ceremony

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577th Conference

Scientific Program

11th World Congress on

Biotechnology & Biotech Industries Meet

July 28-29, 2016 Berlin, Germany



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Scientific Program

Day 1 July 28, 2016

08:00-09:00 Registrations

Esperanto I+II

conferenceseries.com **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 ElNour, University of Khartoum, Sudan

15:00-15:30 **Title: Identification of Uropathogens using Faco'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 *Phaselous 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

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March 29-30, 2017 Rome, Italy

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9th Biotechnology Congress

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Day 1 August 31, 2015

Registrations Open

Opening Ceremony

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Introduction

Kiminobu Sugaya

University of Central Florida, USA

Dinender K Singla

University of Central Florida, USA

Title: The curing potency of the natural honey against the toxicity of doxorubicin in kidneys of mice

Ayoub Bazzaz, University of King Abdulaziz, Kingdom of Saudi Arabia

Title: Dysfunction of polycomb repressive complex2 (PRC2) promotes the tumorigenesis of human endometrial stromal sarcoma (ESS) through activation of WNT11 signaling pathway

Xianyong Ma, Yale Medical School, USA

Title: Therapeutic value of Chinese herbal decoction in radiation pneumonia of oesophageal carcinoma

Gong YL, Nanjing Medical School, China

Title: Role of macrophage polarization in tumor metastasis

Min Yang, Capital Medical University, China

Title: Development of protective agents against necrotic cell death

Ilana Nathan, Ben-Gurion University of the Negev, Israel

Title: New concept of prebiotics :Prebiotic Enzyme Transglucosidase

Satoshi Koikeda, Amano Enzyme Inc, Japan

Title: Polysaccharide of lactic acid bacteria using as yogurt starter

Junko Nishimura, Hachinohe Institute of Technology, Japan

Title: Relations between sport, diet and health

Azim Charoosaee, Islamic Azad University, Iran

Title: Bio-fortification of Spirulina platensis to enhance the zinc status in plants of Amaranthus gangeticus, Phaseolus aureus and tomato

Layam Anitha, Princess Noura Bint Abdul Rahman University, KSA

Title: Comparative Analysis of Two Reliable Systems for Assessing Gray Mold in Strawberry Fruits

Hala Abdel Wahab, Ain Shams University, Egypt

Title: Isolation and identification of some secondary metabolites from associated apple plant fungus Asperillus tubingensis

Hassan Awad Ahmed Mohamed, Saratov State University, Russia

Title: Insight into the microbial diversity of healthy human milk by metagenomic approach

Yati Vaidya, Ashok & Rita Patel Institute of Integrated Study & Research in Biotechnology and Allied Sciences (ARIBAS), India

Title: Production and optimization of acid and neutral proteolytic enzymes by yeast strains isolated from soil of Saudi Arabia

Sulaiman A Alrumman, King Khalid University, Saudi Arabia

Title: Polysaccharide of lactic acid bacteria using as yogurt starter

Junko Nishimura, Hachinohe Institute of Technology, Japan

Title: Cytotoxic effect of benzimidazole metal complex compounds on lung cancer cells (A549)

Elif Apohan, Inonu University, Turkey

Title : Diversity of rhizobacteria encoding phosphatase gene from Chilean extreme environments

Jacquelinne Acuna, Universidad de La Frontera, Chile

Title : Biofertilizer based in endophytic bacteria for selenium biofortification and Gaeumannomyces graminis biocontrol

Paola Duran, Universidad de La Frontera, Chile

Title : Development of an in vitro propagation protocol for Pycnostachys urticifolia Hook, a South African medicinal plant

Jerusha R Naidoo, University of KwaZulu-Natal, South Africa

Title : Micropropagation and micro-morphological studies of Stachys natalensis Hochst

Benita Kalicharan, University of KwaZulu-Natal, South Africa

Title : Phospholipids interact with intracellular region of TRPM4 ion channel

Kristyna Bousova, Charles University, Czech Republic

Title : Evaluation of influential factors in the degradation of red 40 dye using white-rot fungi

Ana Jaramillo, Universidad Nacional de Colombia, Colombia

Title : Influential of the fungal inoculum in the degradation of an azo dye under solid-state fermentation conditions

Sara Jiménez, Universidad Nacional de Colombia, Colombia

Title : LP501: A new cocktail of phages with potencial to reduce viable cells of Listeria monocytogenes in food

Vinicius Buccelli Ribeiro, University of Sao Paulo, Brazil

Title : Screening of salt resistant isolate of nodules bacteria of alfalfa

A Fedorenchik, National Academy of Sciences of Belarus, Belarus

Title : Isolation of endophytic fungi presumptively taxol-producing from Mexico and Spain

Juan Moisés Galindo-Solís, Universidad Autónoma Metropolitana, Mexico

Title : Sodium azide: A chemical mutagen for enhancement of yield traits of sesame

Gado Adamu Aishatu, Federal College of Education, Nigeria

Title : Enterococcus mundtii ST4SA and Lactobacillus plantarum 423 excludes Listeria monocytogenes EGDe from the gastro-intestinal tract as shown by bioluminescent studies in mice

Winschau Fayghan van Zyl, University of Stellenbosch, South Africa

Title : Study genetic diversity of 40 bread wheat (Triticum aestivum L.) genotypes using SSR markers

Roohollah Abdolshahi, Shahid Bahonar University of Kerman, Iran

Title : Bio-control of shiga toxin producing Escherichia coli (STEC) O157: H7 contaminated in raw beef by using a lytic bacteriophage

Hoang Minh Son, Kyushu University, Japan

Title: Inferring the gene regulatory networks from gene expression profiles

Fadhl Alakwaa, University of Science and Technolohy Sana'a, Yemen

Title: Encapsulation of hybridoma cell culture for the higher secretion of anti-A blood grouping mAbs

Asokan C, Sokoto State University, Nigeria

Title: Population pharmacokinetic modeling of Qishe pill in three major TCM-defined constitutional types of healthy Chinese subjects: Study protocol for a Phase-I clinical trial

Yue-Li Sun, Shanghai University of Traditional Chinese Medicine, China

Title: Putrefaction inducer Proteobacteria versus Lactobacillales in cadaver graves oil across all stages of decomposition

Sheree J Finley, Alabama State University, USA

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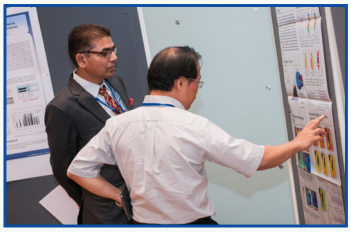


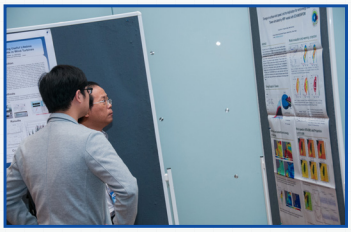



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5th World Congress on

Biotechnology

June 25-27, 2014 Valencia Conference Centre, Spain



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OMICS Group Conferences

5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA

Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499

Email: *biotechnology2014@omicsgroup.us*

Registrations

Opening Ceremony

Introduction

Marc Van Montagu
University of Ghent, Belgium

Robert Gaxiola
Arizoana State University, USA

Ara Kanekanian
Cardiff Metropolitan University, UK

Title: GM crops to feed the world in the XXI century and the risks posed by the irrational opposition of radicalecologists
Ramón Serrano, Polytechnic University of Valencia-CSIC, Spain
Title: Engineering crops with enhanced water and nutrient use efficiencies
Roberto Gaxiola, Arizona State University, USA
Title: Strategies to increase food production by developing new crop varieties tolerant to abiotic stress
Oscar Vicente, Institute of Plant Molecular and Cellular Biology (IBMCP, UPV-CSIC), Spain
Title: Jasmonates and biosynthesis of defense metabolites, can we break the multiple feedback loops?
Alain Goossens, Ghent University, Belgium
Title: A forward genetic approach in *Arabidopsis thaliana* identifies novel crucial genes and mechanisms for seed longevity
Eduardo Bueso, Polytechnic University of Valencia-CSIC, Spain
Title: Identification of triticale - rye hybrids with ISSR-PCR markers application
Tomasz Warzecha, University of Agriculture in Krakow, Poland
Title: Management of Citrus Nematode (*Tylenchulus semipenetrans*) by certain plant species
Aida M. El-Zawahry, Assiut University, Egypt
Title: Molecular identification of viruses responsible for severe symptoms on potato (*Solanum* sp.) growing in Assiut Governorate (Upper Egypt)
Amal Mohamed Ibrahim Eraky, Assiut University, Egypt
Title: Investigation of *Bacillus thuringiensis* Cry1Aa toxicity to *Ephestia kuehniella* (Lepidoptera: Pyralidae)
Souad Rouis, Sfax University, Tunisia
Title: Phenotypic structure of grain size and shape variation in M5 mutation lines of spring wheat through gamma irradiation
Kenzhebayeva Saule Sagindikovna, Al-Farabi Kazakh National University, Kazakhstan
Title:Development of a novel fermentation and formulation process for an endophytic *Beauveria bassiana* strain
Rieke Lohse, University of Applied Sciences Bielefeld, Germany
Title: Molecular characterization of Trichoderma isolates as biological control
Khalid Abdel-lateif, Menoufia University, Egypt
Title: The application of combinatorial biotechnology to crop improvement: A case study on potato
Elena Rakosy-Tican, Babes-Bolyai University, Romania
Title: Transformations of carbohydrates into prebiotic oligosaccharides using free or immobilized glycosidic enzymes
Francisco J. Plou, CSIC Institute of Catalysis, Spain
Title: Screening and production of phytase from Phytophthora infestans-13
B.S Gowrishankar, Siddaganga Institute of Technology, India
Title: New nanospheres attached Pt(II)-Schiff bases for investigation of glucose oxidase enzyme as biocatalysts
Nurdan Kurnaz Yetim, Gazi University,Türkiye
Title: Therapeutic effects of *Lactobacillus* and α lipoic acid against DMN -induced liver fibrosis
Khairy M. A. Zoheir, King Saud University, Saudia Arabia
Title: Evaluation of deep eutectic solvent in extraction of plant phenolic
Ivana Radojcic Redovnikovic, University of Zagreb, Croatia
Title: Proteomic comparative studies among conventional and GM varieties of soybean and maize
Flavio Finardi-Filho, University of São Paulo, Brazil
Title: Gamma-aminobutyric acid (GABA) as a bioactive compound in food
Marina Diana, University of Barcelona, Spain
Title: Approaching differently to Zymomonas mobilis: A promising leavening agent
Alida Musatti, University of Milan, Italy
Title: Effect of sulfate and chloride salts on coal biodesulfurization process employing acidophilic bacteria
Duarte Paola, National University of Colombia, Colombia
Title: Evaluation of mine tailings biooxidation from laboratory to pilot plant

Laura Muñoz, National University of Colombia, Colombia
Title: Recycling aqueous two-phase systems and application in biotechnology
Cao Xuejun, East China University of Science and Technology, China
Title: Development of a new method for the quantification of meat species in food samples
Ana M. Hortigüela, Instituto de Medicina Genómica, Spain
Title: Study of Milk-Clotting Protease s Produced by Local Fungal Strains: Use in Cheese-making
SOUHILA Bensmail, M'hamed Bougara University, Algeria
Title: Nano vaccines for infectious diseases
Martin J. D'Souza, Mercer University, USA
Title: Delivery of Peptides and Proteins
Richard Addo, Union University, USA
Title: How to create one of the main reference laboratories for the genetic testing of rare diseases
Manuel Pérez Alonso, University of Valencia, Spain
Title: Polyamidoamines as protein carriers, antiviral and antimalarial agents
Paolo Ferruti, Consorzio Interuniversitario di Scienza e Tecnologia dei Materiali (INSTM), Italy
Title: Nanotechnology against malaria
Xavier Fernàndez-Busquets, Barcelona Centre for International Health Research, Spain
Title: *In Vitro* antibacterial activity of different *Salvadora persica* miswak extracts against isolated and genetically identified oral cavity pathogens
Abd El-Latif Hesham, Assiut University, Egypt
Title: Defining spatial distribution of mosquito breeding sites and areas under risk using Remote Sensing - GIS integration
Mohamed Mahmoud Sowilem, National Authority for Remote Sensing and Space Sciences (NARSS), Egypt
Title: Hesperetin inhibit adipocyte proliferation and differentiation by down regulating adipogenic genes in human mesenchymal stem cells
Subash-Babu Pandurangan, King Saud University, Saudi Arabia
Title: Oxyanion transport properties of SLC26A gene family in hela cell
Eka Sunarwidhi Prasedya, Fukushima Medical University, Japan
Title: Functional proteomics for biomarker and drug discovery
Manuel Fuentes, Cancer Research Center, University of Salamanca-CSIC, Spain
Title: Aberrant glycosylation of HBV-derived hepatocarcinoma cancer tissues and blood: HBX and sialyl lewis A for metastasis
Cheorl-Ho Kim, Sungkyunkwan University, Korea
Title: Systems biology approach in the discovery and development of cyclin-dependent kinase inhibitors as new therapeutics in oncology and cardiology
Nikolai Zhelev, Abertay University, UK
Title: Counting PCR: An alternative to digital PCR for absolute Quantification
John SantaLucia, DNA Software Inc, USA
Title: Early breast cancer detection with bi-modal molecular imaging
Barbara Blasiak, University of Calgary, Canada
Title: Regulation of angiogenesis by endogenous metabolite
Smita C. Pawar, University of Nebraska Medical Center, USA
Title: Molecular imaging of cancer with core/ shell nanoparticles
Boguslaw Tomanek, University of Calgary, Canada
Title: Protein protease inhibitor: A dietary anti-oxidant
Sadaf Fatima, Jamia Millia Islamia, India
Title: Detection of hepatitis E virus (HEV) by real time PCR, in pig livers from local groceries in Comunidad Valenciana (Spain)
García Andrés Mario, UCH-CEU University, Spain
Title: PLGA-g-PVP amphiphilic bioactive and biocompatible copolymers for fabrication of nanostructured materials
Elisabetta Ranucci, University of Milano, Italy
Title: Antioxidant evaluation of Moringa oleifera therapy combination in mice with *Plasmodium berghei* malaria
Odunlade A. K, Yaba College of Technology, Nigeria
Title:Biotechnology for wastewater treatment
Inga Zinicovscaia, Joint Institute for Nuclear Research, Russia
Title: A Novel BTEX-degrading Bacteria, *Microbacterium esteraromaticum* SBS1-7, Isolated from Seabed Sludge
Sansanee Khiawjan, Mahidol University, Thailand
Title: Bioecomaterials from agri-wastes
María De Los Angeles Martín Luengo, Institute of Materials Science of Madrid, CSIC, Spain
Title: Production and application of lipopeptide biosurfactant for dispersing oil spill in seawater
Suwat Soonglerdsongpha, PTT Research and Technology Institute,Thailand
Title: Biodiesel production using waste cooking oil

Tobinson Briggs, University of Port Harcourt, Nigeria
Title: A viable approach for efficient bioremediation of tannery effluent by simultaneous detoxification of hexavalent chromium and pentachlorophenol by an indigenous Bacillus cereus strain
Tuhina Verma, Dr. R.M.L. Avadh University, India
Title: Nuclear and related analytical techniques in microbial biotechnology
Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation
Title: Catabolic potential related to the aromatic pollutants biodegradation by fungal strains isolated from Antarctic soils
Zlatka Alexieva, Bulgarian Academy of Sciences, Bulgaria
Title: Synthesis and antimicrobial investigations of novel polymer-supported schiff bases
Dilek Nartop, Nevsehir University, Turkey
Title: Formulation of microbial culture medium using a combination of human urine and acha (Digitaria exilis) extract as broth
Onwuliri F. C., University of Jos, Nigeria
Title: Cilioprotists as biological indicators for estimating the efficiency of using gravel bed hydroponics system in domestic wastewater treatment
Hamed A. El-Serehy, King Saud University, Saudi Arabia
Title: Wound healing properties of leaf fraction of Spermacoce verticillata (LINN)
Edith A Onwuliri, University of Jos, Nigeria
Title: How MAP kinase signaling regulates the transcriptomic and proteomic response of the biocontrol fungus Trichoderma atroviride
Susanne Zeilinger, Vienna University of Technology, Austria
Title: Biosorption of Zn2+ by living and lyophilized biomass of Bacillus cereus DAA54 and Pseudomonas aeruginosa DAA86
Magdy A. Abo- Gharbia, Sohag University, Egypt
Title: Exploiting the cold environments: psychrophilic bacteria as a promising source of novel bioactive compounds
Donatella de Pascale, Institute of Protein Biochemistry, National Research Council, Italy
Title: Optimization for marine macro-algal monosaccharaide production using Pseudoalteromonas piscicida
Manal M.A. El-Naggar, National Institute of Oceanography and Fisheries, Egypt
Title: Nitrate removal by modified lignocellulose
Anni Keränen, University of Oulu, Finland
Title: Feasibility of biofuels production: combining H2-CH4 and lipid production from food wastes using mixed anaerobic microflora
X. Gómez, University of León, Spain
Title: Optimization of the operating parameters for beta galactosidase production on cheese whey
Khaled BOUDJEMA, Université de M'Hamed Bougara, Algérie
Title: Evaluation of sugar cane bagasse hydrolysis by the cellulolytic crude extract from the thermophilic fungus Myceliophthora heterothallica F. 2.1.4.
Bonilla-Rodriguez G.O., IBILCE-UNESP, Brazil
Title: Investigating the potential of ten South African indigenous plants extracts as quorum sensing inhibitors (QSI) of Pseudomonas aeruginosa virulence-related factors
Cosa S, University of KwaZulu-Natal, South Africa
Title: What microbial ecology can do for biotechnology: Looking at uncultured microbes in nature, a new gold mine
Manuel Martinez-Garcia, University of Alicante, Spain
Title: Leachate treatment by different ceramic membranes
Aissa Belouatek, University of Mostaganem, Algérie
Title: Design of aggregation resistant protein biotherapeutics
Salvador Ventura, Universitat Autònoma de Barcelona, Spain
Title: Hyperthermophilic phosphotriesterases/ lactonases: Structure, function and applications
Giuseppe Manco, Institute of Protein Biochemistry, Italy
Title: Novel biologically active caffeic acid-derived biopolymer from different species of Boraginaceae family with potential therapeutic effect
V.Barbakadze, Tbilisi State Medical University Institute of Pharmacochemistry, Georgia
Title: Molecular response to toxic diatom-derived aldehydes in the sea urchin Paracentrotus lividus
Stefano Varrella, Stazione Zoologica Anton Dohrn, Italy
Title: Identification of muscular dystrophy-specific biomarkers using fluorescence two-dimensional difference in-gel electrophoresis
Kay Ohlendieck, National University of Ireland, Ireland
Title: Differential inhibition of PDKs by phenylbutyrate and identification of putative binding sites
Clara Iannuzzi, Institute of Protein Biochemistry, Italy
Title: Optimization of conditions for obtaining hydrogels of PVA/SMTP and evaluation of the presence of crosslinks between chains
Andreia de A. Morandim-Giannetti, Centro Universitário da FEI, Brazil
Title: Optimized extraction of microalgae's metabolites: a crucial step in High-Throughput Screening programs dedicated to phytoplankton chemodiversity
Benoît Serive, Laboratoire de Physiologie et Biotechnologie des Algues - Centre IFREMER Nantes, France
Title: MicroRNAs: Are new players in cardiac dysfunctions?

Belma Turan, Ankara University, Turkey
Title: Application of in situ synthesis of fluorophores to bianalytical assays
Valery Pavlov, CIC Bioma GUNE, Spain
Title: Mammalian cells communication a possible hypothesis
Mariapia Viola-Magni, Università degli Studi di Perugia, Italy
Title: Use of EST2 from A. acidocaldarius as bioactive part in biosensors for organophosphate detection
Ferdinando Febbraio, Institute of Protein Biochemistry of CNR, Italy
Title: Mutational load in signaling pathways of human populations and its functional Consequences
Rosa D. Hernansaiz Ballesteros, Principe Felipe Research Center, Spain
Title: DQCM beating the standard coagulometer in the domain of sensitivity range and information for hemostasis of human plasma
Munawar Hussain, Tuebingen University, Germany
Title: An investigation on regulation on trichome metabolism related genes against salt stress in soybean (Glycine max L. Merr.)
Özge Çelik, Istanbul Kultur University, Turkey
Title: Real time analysis of gene expression in living yeast cells: Novel approach for accurate cell damage detection
Amparo Pascual-Ahuir Giner, Universidad Politecnica de Valencia, Spain
Title: A Drosophila high-throughput drug screening platform identifies inhibitors of misregulated alternative splicing events in myotonic dystrophy
Ruben Artero, Parque Cientifico de la Universitat de València, Spain
Title: Patent protection and transfer of technology in biotechnology
Maria Rosa DE LA COLINA MONTERO, ELZABURU, S.L.P, Spain
Title: Bringing Biotechnology to society, an overview of the Spanish experience
Rodrigo García Valiente, Spanish Federation of Biotechnologists, Spain
Title: The EIT's knowledge and innovation communities (KICs): Towards european innovation factories
Alexander von Gabain, European Institute of Innovation and Technology, Austria
Title: Restriction of heterologous lentiviruses by caprine Trim5α
Lorena de Pablo, Instituto de Agrobiotecnología (CSIC-UPNA-Gobierno de Navarra), Spain
Title: SRLV traces in red deer
Leticia Sanjosé, Instituto de Agrobiotecnología (CSIC-UPNA-Gobierno de Navarra),Spain
Title: Mapping Quantitative Trait Loci affecting polygenic traits in chicken
Mostafa K. Nassar, Cairo University, Egypt
Title: The role of p19 gene in the transformation efficiency of amorphadiene synthase in Artemisia annua for artemisinin production
Elfahmi, Bandung Institute of Technology, Indonesia
Title: A comperative superoxide radical sensing study: Designing of different sensing platforms, enzyme-free superoxide radical sensing, and biological applications
Kaan C. Emregul, Ankara University, Turkey
Title: India's current status of pharmaceutical biotechnology
Govindasamy Agoramoorthy, Tajen University, Taiwan
Title: Plasmid copy number determination in *B. subtilis* dnaC30 bearing (p5.2) plasmid
Malika Alili, Ecole Normale Superieure, Algeria
Title: γ-Irradiation induced erythrocytes malformations of medaka (Oryzias latipes)
Alaa El-Din Hamid Sayed, Assiut University, Egypt
Title: Reduction of estrogenic activity of BPA by fungal Laccase
Alexandre Nunes Ponezi, State University of Campinas, Brazil

Title: A Biochemical study of acute phase proteins markers of diarrhoea in well fed young rats(Rattus rattus)

Khaled Ismail Ghaleb, King Khaled university, Saudi Arabia
Title: Acute phase proteins are potent markers for early detection of diarrhea in white New Zealand rabbits (Oryctolagus cuniculus) in Egypt: A Biochemical study
Aaser Abdelazim, King Khalid University, Kingdom of Saudi Arabia

Glimpses






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