# Tentative Program

## 20th World Congress on
## Biotechnology and Biotech Industries Meet



biotechcongress@geneticconferences.com

**300+ Participation**

**12+** Interactive Sessions

**15+** Keynote Lectures

**75+** Plenary Lectures

**5+** Workshops

**Conference Secretariat**

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

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# Tentative Program

**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 | Medical Biotechnology | |
| 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 | Nano science & Nanotechnology | |
| | | 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 | Agricultural Biotechnology |
| Evening Sessions | Lunch Break 12.35-13.25 | | | |
| | 13.25-15.05 | | Bio Informatics | Genetic Engineering & Biotechnology Applications |
| | 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 | Waste water treatment using Bio Techniques |
| | Coffee/Tea Break 10.40-10.55 (Networking) | | | |
| | 10.55-12.35 | | Marine and Ocean Biotechnology | Food and Bioprocess Technology |
| Evening Sessions | Lunch Break 12.35-13.25 | | | |
| | 13.25-15.05 | | Scope of Biotechnology Education | Biosecurity &Biotechnology Market |
| | 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

Registration: http://biotechnology.conferenceseries.com/registration.php

Abstract Submission: http://biotechnology.conferenceseries.com/abstract-submission.php

E-Poster: http://biotechnology.conferenceseries.com/eposter-presentation.php

# 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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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**<br>**Danielle da Silveira dos Santos Martins,** Federal University of Rio de Janeiro, Brazil |
| **BT-02** | **Title: Biorefinery safety: The role of INAIL in Italy**<br>**Biancamaria Pietrangeli,** INAIL, Italy |
| **BT-03** | **Title: Antimicrobial activities of seeds extracts of *Prunus persica, Prunus cerasus, Prunus avium and Prunus armeniaca***<br>**Tuba Sevgi,** Uludag University, Turkey |
| **BT-04** | **Title: Construction, expression and characterization of a cancer-specific fusion protein targeting CD22 in B-cell malignancies**<br>**Solmaz Agha Amiri,** Pasteur Institute of Iran, Iran |
| **ENZ-05** | **Title: Optimisation of catalase activity by *Rhodotorula glutinis* using experimental design**<br>**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**<br>**Gökçe Kuzgun,** Ankara University, Turkey |
| **ENZ-07** | **Title: Novel human indoleamine 2,3-dioxygenase inhibitors form a long-lived complex with the enzyme**<br>**Julie Alexandre,** Vertex Pharmaceuticals Ltd., UK |
| **ENZ-08** | **Title: Molecular study on the potential therapeutic activity of novel nanocomposite on cancerous tumor bearing mice**<br>**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**<br>**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**<br>**Tejaswani Saragadam,** IIT Bombay, India |
| **ENZ-11** | **Title: Molecular characterization of glutathione transferase M1-1 from the *Camelus dromedarius***<br>**Fereniki Perperopoulou,** Agricultural University of Athens, Greece |
| **ENZ-12** | **Title: Engineering of Tau class GSTs for the development of biosensor**<br>**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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*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**

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**<br>**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)***<br>**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**<br>**Naizhen Zhou**, Southeast University, China |
| 12:15-12:45 | **Title: Cost reduction in the development of aflatoxin immunoaffinity columns**<br>**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**<br>**Deniz Erkan**, Dokuz Eylul University, Turkey |
| BC02 | **Title: Phenylpropanoid pathway response to cadmium and lead stress in *Phaselous vulgaris* roots and leaves**<br>**Zehra Tavsan**, Dokuz Eylul University, Turkey |
| BC03 | **Title: Construction, expression and characterization of a cancer-specific fusion protein targeting CD22 in B-cell malignancies**<br>**Solmaz Agha Amiri**, Shahid Beheshti University of Medical Sciences, Iran |
| BC04 | **Title: EpCAM and claudins as cancer biomarkers in ovarian and colon cancer**<br>**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**<br>**Najmeh Zarei**, Pasteur Institute, Iran |
| BC06 | **Title: Improvement of ramoplanin production by submerged fermentation of *Actinoplanes* sp. ATCC 33076 using animal origin protein meals**<br>**Deniz Erkan**, Dokuz Eylul University, Turkey |
| BC07 | **Title: Mathematical modelling of the diffusion profiles of Briggs-Rauscher reaction components in a microreactor**<br>**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.*)**<br>**Maja Benkovic**, University of Zagreb, Croatia |
| BC09 | **Title: Modification of Hydrophobic Domain of Signal Peptide for Enhanced Production of Recombinant Therapeutic Proteins**<br>**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

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March 29-30, 2017 Rome, Italy

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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

# GLIMPSES OF BIOTECHNOLOGY CONFERENCES















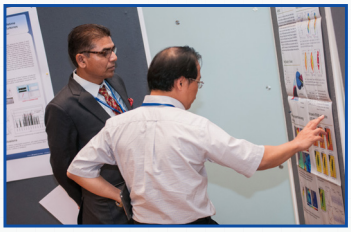


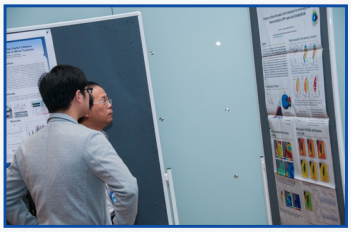



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Registrations

# 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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