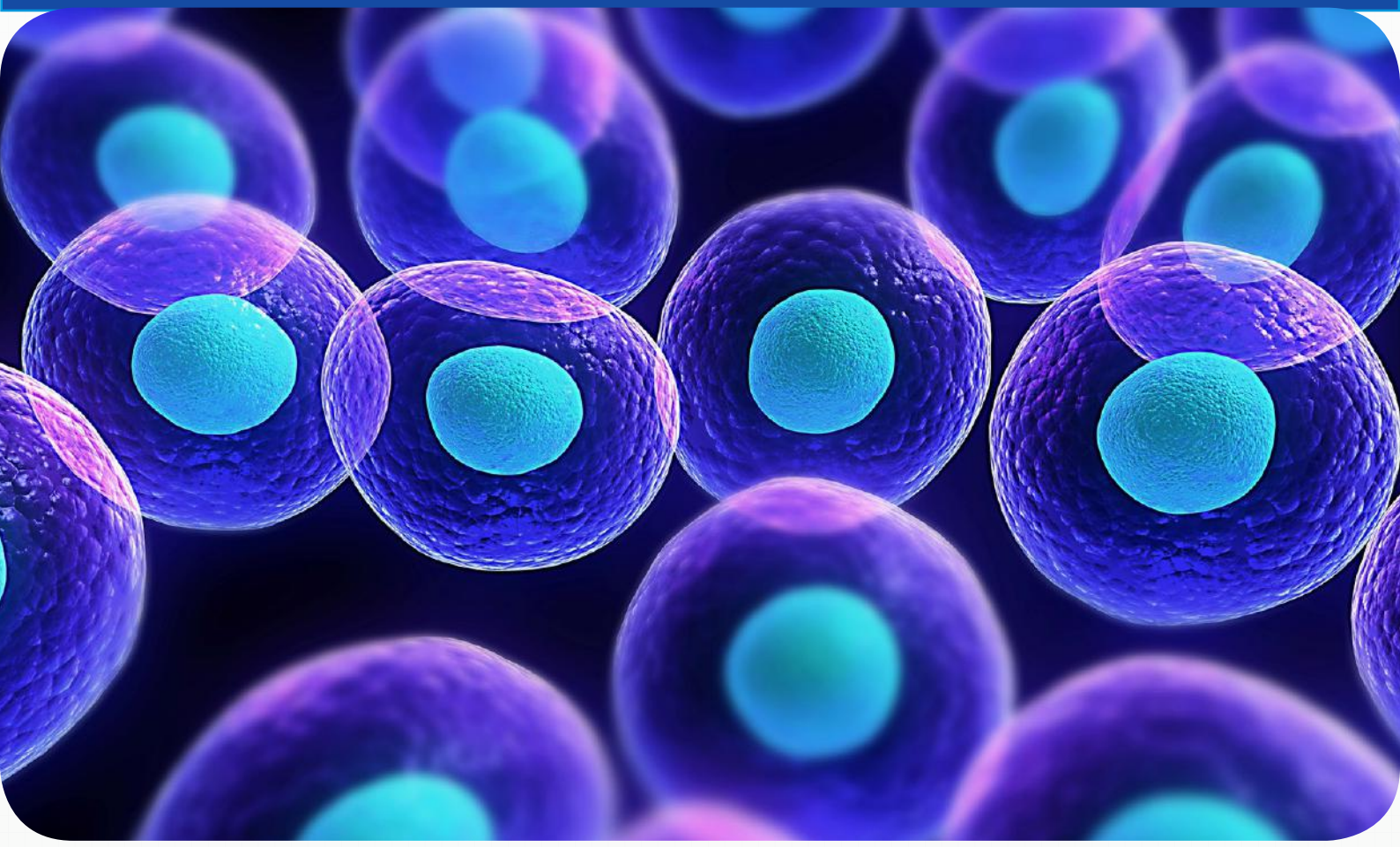
Tentative Program

2nd International Conference on

Bioscience

June 19-20, 2017 London, UK



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

bioscience@conferenceseries.net

2nd International Conference on

Bioscience

June 19-20, 2017 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	**Bioscience** 5 Speakers (20 Mins Each)	
Evening Sessions	**Lunch Break 12.40-13.30**		
	13.30-15.30	**Biomedical Science** 6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	**Biopharmaceutics and Biochemistry** 5 Speakers	

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	**Biochemical Engineering**	**Microbiology**
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	**Molecular Biology**	**Agriculture Bioscience**
Evening Sessi	**Lunch Break 12.35-13.25**		
	13.25-15.05	**Genetics & Genomics**	**Food Science**
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	**Food Science**	**Cell Biology**

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

For more Details PS: http://bioscience.conferenceseries.com/

bioscience@conferenceseries.net | bioscience@conferenceseries.com

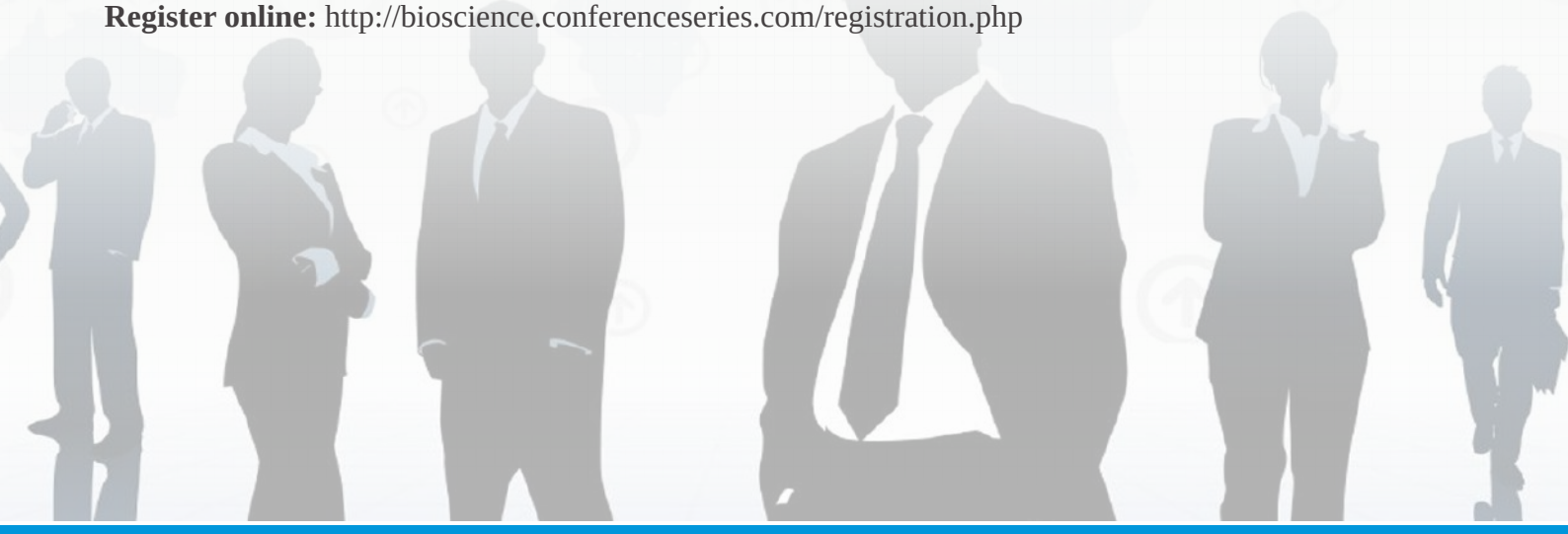
Conference Highlights

- Bioscience
- Agriculture Bioscience
- Biochemical Engineering
- Biomaterials and Materials science
- Biomedical Science
- Biopharmaceutics and Biochemistry
- Bioprocess and Biological Engineering
- Cell Biology
- Cell-Based Therapies
- Computational Biology & Systems Biology
- Drug Discovery and Delivery
- Food Science
- Genomics and Proteomics
- Genetics
- Immunology and Inflammation
- Microbial Pathogenicity
- Microbiology
- Molecular Biology
- Molecular Biotechnology
- Molecular Plant Sciences
- Nano-Biotechnology
- Tissue Engineering & Stem cell research
- Bio Science Market

For detailed sessions, please visit: http://bioscience.conferenceseries.com/

Submit your abstract online at: http://bioscience.conferenceseries.com/abstract-submission.php

Register online: http://bioscience.conferenceseries.com/registration.php



Glimpses of Bioscience Series Conferences





















Glimpses of Bioscience Series Conferences





















Best Tourist Destinations in London, UK



5 Off the Beaten Path Sights in London



5 Reasons to celebrate New Year's in London



10 Best Day Trips from London



10 Top Tourist Attractions in London



Piccadilly Circus and Trafalgar Square



Big Ben and Parliament



British Museum



Coca-Cola London Eye



Hampton Court Palace



Royal Museums Greenwich



National Gallery



Natural History Museum

Conference Venue

London, UK



Contact us
America: Conference Series LLC
Bioscience 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: bioscience@conferenceseries.net

Contact us
Asia-Pacific: Conference Series
Bioscience 2017
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432334
Email: bioscience@conferenceseries.net

Contact us
UK: Conference Series Limited
Bioscience 2017
Heathrow Stockley Park Lakeside House
1 Furzeground Way
Heathrow, UB11 1BD, UK
Tel: +1-800-216-6499
Email: bioscience@conferenceseries.com

conferenceseries.com

656th Conference

Annual Conference on

Bioscience

September 12-13, 2016 Berlin, Germany

Scientific Program



Registrations

Lubeck

conferenceseries.com

Opening Ceremony

Keynote Forum

Title: Designing reproductive/juvenile animal studies to reduce animal use, while maximizing human translation
Alan M Hoberman, Charles River Laboratories, USA

Title: Protein S, a new agent in adjunct therapy of hemophilia-B
Rinku Majumder, LSU Health Science Center, USA

Networking & Refreshment Break

Sessions:
Bioscience | Molecular Biotechnology | Biomedical Science | Microbiology | Agriculture Bioscience | Food Science | Bioinformatics and Computational Biology | Nano Biotechnology

Session Chair: Antonia dos Reis Figueira, Universidade Federal de Lavras, Brazil

Session Co-Chair: Michael K E Schaefer, Johannes Gutenberg University of Mainz, Germany

Session Introduction

Title: The NG2 proteoglycan is an endogenous modulator of adverse glial responses and counteracts neurological deficits following traumatic brain injury
Michael K E Schaefer, Johannes Gutenberg University of Mainz, Germany

Title: Protein S inhibits factor IXa *in vivo*: Elucidation of the allosteric (interaction/sites) in the first EGF and catalytic domains
Rinku Majumder, LSU Health Science Center, USA

Title: RAPD PCR profiling of lipase producing bacterial isolates from Anhoni hot spring, central India
Anita Tilwari, Madhya Pradesh Council of Science and Technology, India

Title: Variations in mineral crystallites of bone at distinct skeletal sites and its relationship with diseases like osteoporosis
Hasan Baber, Dow University of Health Sciences, Pakistan

Title: Protection from radiation and radiation dose response with dose modification factor of *Phyllanthus niruri* on *Mus musculus*: Standardization of radioprotector effect
Indu Thakur, Jawaharlal Nehru Cancer Hospital and Research Centre, India

Lunch Break

Title: The potential use of clausenidin in the treatment of liver cancer
Peter M Waziri, University Putra Malaysia, Malaysia

Title: Prevention: The answer for bacterial resistance
Alan R Criollo Ródiz, Kabla Diagnostics, Mexico

Title: Effect of non-thermal atmospheric plasma on surface morphology of radicular dentin: A pilot study
Basak Kusakci Seker, Eskisehir Osmangazi University, Turkey

Title: The use of positive controls bank for the diagnosis of quarantine viruses and viroids through PCR and RT-PCR as a safer alternative
Antonia dos Reis Figueira, Universidade Federal de Lavras, Brazil

Networking & Refreshment Break

Title: Nitrogen mineralization dynamics of different valuable organic amendments commonly used in agriculture
Veronica Uzokwe, International Institute of Tropical Agriculture, Tanzania

Title: Development of a prototype malaxer to investigate the influence of oxygen on extra-virgin olive oil quality and yield
Antonia Tamborrino, University of Bari Aldo Moro, Italy

Title: Phenolic compounds from wood extract of *Artocarpus heterophyllus* and their inhibitory activity on EBV-EA induction
Hiroyuki Akazawa, Nihon University Junior College, Japan

Title: Physicochemical evaluation of olive paste and olive oil obtained by a new partial destoner machine implemented in an industrial olive oil extraction plant
Alessandro Leone, University of Foggia, Italy

Title: Olive paste conditioning by an industrial continuous microwave system
Roberto Romaniello, University of Foggia, Italy
Title: Computational analysis of the intermolecular interaction driving the self-assembly of collagen
Esma Eryilmaz, Selcuk University, Turkey
Title: Arrayed miniature femtoliter, picoliter and nanoliter volume vessels for live-cell imaging time-lapse measurement at single-cell/element resolution
Elena Afrimzon, Bar Ilan University, Israel
Title: Intrinsically stable oxidized silicon nanoclusters in aqueous solution
Hanieh Yazdanfar, University of Leicester, UK
Title: Chondroitin sulfate in stem cell differentiation
Michael Klüppel, Northwestern University, USA

Panel Discussion

Day 2 September 13, 2016

Poster Presentations & Networking

Extended Networking Session & Lunch



conferenceseries.com

343rd OMICS International Conference

Scientific Program

8th Euro

BIOTECHNOLOGY CONGRESS

August 18-20, 2015 Frankfurt, Germany



Scientific Program

Day 1 **August 18, 2015**

Registrations

Room 7

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Manfred T Reetz
Philipps-University, Germany

W Tim Miller
Echelon-Frontier Scientific Inc, USA

Coffee Break

Wilfried Schwab
Technische Universität München, Germany

Track 1: Biotechnology in Healthcare
Track 2: Environmental Biotechnology

Session Chair: Wilfried Schwab, Technische Universität München, Germany

Session Co-Chair: Sushanta K. Mitra, York University, Canada

Session Introduction

Title: Synthetic mRNAs present a rapidly growing technology: Optimised tool for stem cell generation and for manipulating cellular phenotypes
Guido krupp, AmpTec GmbH, Germany
Title: Biochemical studies on the effect of turmeric on breast cancer of rats
Soha M Hamdy, Fayoum University, Egypt

Group Photo & Lunch Break

Tiltle: Biological activity of elicited *Echinacea purpurea* suspension cultures
Hattem M Mekky, University of Alexandria, Egypt
Title: Rescuing apoptotic neurons from Alzheimer's disease using wheat germ agglutinin-conjugated and cardiolipin-conjugated liposomes with encapsulated nerve growth factor and curcumin
Yung-Chih Kuo, National Chung Cheng University, Republic of China
Title: Extraction and purification of extracellular glucosyltransferase (GTFs) from *Streptococcus mutans* serotype C isolate (H5)
Essam F A Al-Jumaily, Baghdad University, Iraq
Title: Genetic engineering of deinococcus radiodurans for uranium bioremediation from high radiation environment
Shree Kumar Apte, Bhabha Atomic Research Centre, India

Coffee Break

Title: Selection of an actinobacteria consortium for enhancing diazinon degradation
Gabriela Briceno, Universidad de La Frontera, Chile
Title: Natural products of *Anthracophyllum discolor*: Ligninolytic enzymes and antifungal volatile compounds
Heidi Schalchli, Universidad de La Frontera, Chile
Title: The influence of growth conditions (temperature and oxygen supply) on manganese(II) sorption by viable and autoclaved Lactococcus lactis var lactis NCIMB 6681
Sandra Borkowska, Glasgow Caledonian University, UK
Title: Biosorption of magnesium in *Chlorella vulgaris* under different culture conditions
Hela Ben Amor, LGPM Ecole Centrale supÃ©lec Paris , France
Title: The role of the patient spesific vascular geometry and blood flow dynamics for vascular treatments
K. Banu Köse, Istanbul Medipol University, Turkey

Panel Discussion

Day 2 August 19, 2015

Room 7

Keynote Forum

Aline Zimmer
Merck Millipore, Germany

Sushanta K. Mitra
York University, Canada

Poster presentations & Coffee break: 11:00-11:45

Track 3: Industrial Aspects of Biotechnology
Track 12: Current Scenarios and other Allied Areas of Biotechnology
Track 11: Genetic Engineering and rDNA Technology
Track 9: Cell and Molecular Biology

Session Chairs: Krassimir Yankulov, University of Guelph, Canada
Session Co-Chairs: Aline Zimmer, Merck Millipore, Germany

Session Introduction

Title: Novel synthetic anti-microbial defensins through confrontational selection and screening of yeast libraries
Krassimir Yankulov, University of Guelph, Canada
Title: Long acting recombinant glycoprotein hormones: From bench to clinics
Fuad Fares, University of Haifa, Israel
Title: Immobilization and characterization of inulinase from *Ulocladium atrum* on nonwoven fabrics
Tarek M Mohamed, Tanta University, Egypt

Lunch Break

Title: Systems metabolic engineering of *Bacillus subtilis* for efficient N-acetylglucosamine production
Long Liu, Jiangnan University, China
Title: Enhancing flavonoid production by systematically tuning the central metabolic pathways based on a CRISPR interference system in *Escherichia coli*
Jingwen Zhou, Jiangnan University, China
Title: One-step biosynthesis of α-keto acids by the L-amino acid deaminase: Biocatalyst construction and process optimization
Guocheng Du, Jiangnan University, China
Title: Transient physiologic states: Friend or foe?
Wieland Reichelt, Vienna University of Technology, Austria
Title: Surface activity of surfactin under extreme conditions (pH, temperature and ionic strength): A prospection for microbial enhanced oil recovery
Cristiano José de Andrade, State University of Campinas, Brazil

Panel Discussion

Coffee Break

Day 3 August 20, 2015

Room 7

Track 6: Agriculture Biotechnology
Track 8: Food and Bio Process Biotechnology
Track 10: Nanobiotechnology
Track 5: Marine Biotechnology and Aquaculture

Session Chair: Fuad Fares, University of Haifa, Israel

Session Introduction

Title: Production of rosmarinic acid from *in-vitro* culture of Basil (*Ocimum basilicum* L.) and Lemon balm (*Melissa officinalis* L.)
Raoufa A I Abdel Rahman, Universities and Research Center District, Egypt
Title: Standardization of clonal macropropagation protocol of *Dillenia pentagyna* roxb. An important and endangered medicinal tree species through stem branch cuttings
S K Tiwari, State Forest Research Institute, India
Title: Activity and thermostabilty improvement of *Trametes versicolor* IBL-04 laccase by chitosan beads immobilization
Muhammad Asgher, University of Agriculture, Pakistan
Title: Silencing of hormonal biosynthesis genes by double stranded RNA (dsRNA) impairs larval growth and development of cotton bollworm (*Helicoverpa armigera*)
Anjali Jaiwal, University of Delhi South Campus, India

Coffee Break

Title: Nanosystems formed by amphiphilic antimony(v) complexes incorporating amphotericin B for the treatment leishmaniasis
Arshad Islam, Universidade Federal de Minas Gerais, Brazil
Title: Sulphated polysaccharieds from seaweeds has potential to inhibit cell growth and cell cycle arrest of human cancer cells
Eka Prasedya, Fukushima Medical University, Japan
Title: Gold Nanoparticals for biomedical applications
Akbar Vaseghi, Islamic Azad University, Iran
Title: Preparation and characterization of alginate beads reinforced with silica nanoparticles for microbial cell culture
Keyvan Nasirzadeh, Institute of Genetic Engineering and Biotechnology (NIGEB), Iran

Panel Discussion

Lunch Break

Award Ceremony



conferenceseries.com

Scientific Program

5th World Congress on

Biotechnology

June 25-27, 2014 Valencia Conference Centre, Spain



In Collaboration with

BIOVAL BIOREGIÓN DE LA COMUNIDAD VALENCIANA

FEBiotec Federación Española de Biotecnólogos

BIOTECHNOLOGY NETWORK

SILAE

Conference Series LLC

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

Auditorium 3 A+B

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Marc Van Montagu
University of Ghent, Belgium

Robert Gaxiola
Arizoana State University, USA

Ara Kanekanian
Cardiff Metropolitan University, UK

Group Photo & Coffee Break @ Multipurpose Hall 1

Track 2: Biotechnology in Agriculture

Session Chair: Alain Goossens, Ghent University, Belgium
Session Co-Chair: Oscar Vicente, IBMCP, Polytechnic University of Valencia, Spain

Session Introduction

Symposium on:
GM crops to feed the world in the XXI century and the risks posed by the irrational opposition of radical ecologists
by **Ramon Serrano,** Polytechnic University of Valencia, Spain

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

Lunch Break

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

Coffee Break

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

Committee Room 1

Track 4: Food and Bioprocess Technology

Session Chair: Ara Kanekanian, Cardiff Metropolitan University, UK
Session Co-Chair: Ana M. Hortigüela, Instituto de Medicina Genómica, Spain

Session Introduction

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

Lunch Break

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

Coffee Break

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

Day 2 June 26, 2014

Registrations

Auditorium 3 A+B

Keynote Forum

Dawei Li
Shanghai Jiao Tong University, China

Manuel Perez-Alonso
University of Valencia, Spain

Cheorl-Ho Kim
Sung KyunKwan University, Korea

Track 3: Biotechnology in Health Care
Track 5: Cancer & Genomics Research

Session Chair: Cheorl-H Kim, Sung Kyun Kwan University, Korea
Session Co-Chair: Martin J. D'Souza, Mercer University, USA

Session Introduction

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

Coffee Break

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

Lunch Break

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

Coffee Break

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

Poster presentation (P56- P110) @ Multipurpose Hall 1

Committee Room 1

Track 13: Petroleum and Environmental Biotechnology
Track 9: Microbiology and Microbial World
Track 12: Marine Biotechnology and Renewable Energy Technology

Session Chair: Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation
Session Co-Chair: Zlatka Alexieva, Bulgarian Academy of Sciences, Bulgaria

Session Introduction

Symposium: Biotechnology for wastewater treatment, Marina V. Frontasyeva, Joint Institute for Nuclear Research, Russian Federation

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

Coffee Break

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

Lunch Break

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

Coffee Break

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

Committee Room 2

Track 8: Biochemistry, Cell and Molecular biology

Session Chair: Salvador Ventura, Universitat Autònoma de Barcelona, Spain
Session Co-Chair: Giuseppe Manco, Institute of Protein Biochemistry, National Research Council (CNR), Italy

Session Introduction

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

Coffee Break

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

Day 3 June 27, 2014

Committee Room 1+2

Keynote Forum

Symposium on: Enzyme Based Biosensors-Development & Applications

Aihua Liu, Qingdao Institute of Bioenergy & Bioprocess, CAS, China

Track 11: Bioinformatics and Biosensor
Track 07: Genetic Engineering and rDNA Technology
Track 01: Current Scenario of Biotechnology
Track 10: Animal Biotechnology and Cell Culture

Session Chair: Aihua Liu, Qingdao Institute of Bioenergy & Bioprocess, CAS, China
Session Co-Chair: Amparo Pascual-Ahuir Giner, Universidad Politecnica de Valencia, Spain

Session Introduction

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

Coffee Break

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

Lunch Break

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

Coffee Break

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

Closing Ceremony

Media Partners

conferenceseries.com

Scientific Program

4th World Congress on

Biotechnology

September 23-25, 2013
DoubleTree by Hilton Hotel Raleigh-Durham Airport at RTP, NC, USA



Collaboration

European Biotechnology Network Association

Media Partners

Conference Series LLC
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: *biotechnology2013@omicsgroup.us*

Day 1 **September 23, 2013**

Registrations

Camellia

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Ara Kanekanian
Cardiff Metropolitan University, UK

George Ivey
Ivey International Co. Inc., Canada

Coffee Break

Daniel M. Barry
University of Venda, South Africa

Felicitation to OCM's and EB Members

Group Photo

Track 1: Biotechnology and Allied Areas
Track 2: Microbial and Biochemical Technology
Track 3: Bioremediation and Biodegradation

Session Chair: Ronnie W. Heiniger, North Carolina State University, USA

Session Co-Chair: Sreenivas Rao Ravella, Aberystwyth University,UK

Session Introduction

Title: B-cert: A training program for producers of bioengineered plants
Ronnie W. Heiniger, North Carolina State University, USA

Title: Bioavailability of mercury in the floodplain soil of east fork popular creek, Oak Ridge, Tennessee
Fengxiang Han, Jackson State University, USA

Title: Factors alleviating cadmium toxicity in white rot fungus
Kuber Bhainsa, University of Cincinnati College of Medicine, USA

Title: Mathematical Modelling of Ni^{2+} biosorption by *Schizosaccharomyces pombe* using universal sigmoid approach
Rumeysa Bukcu, Marmara University, Turkey

Lunch Break

Title: Taguchi Design of Experiments (DOE) for fermentations, pre-treatments and inhibitor studies
Sreenivas Rao Ravella, Aberystwyth University, UK

Title: Yeast metabolic engineering or biodiversity: Understanding "flavor phenotypes" in traditional fermented beverages
Francisco Carrau, University of Republic, Uruguay

Title: C-SLGE- Cloning of *Saccharomyces cerevisiae* lipase gene in *E.coli* Nissle 1917(probiotic)
Gadangi Indira, Kakatiya University, India

Title: Biobased water treatment materials for industrial wastewaters
Tiina Leiviska, University of Oulu, Finland

Title: Biological degradation of naphthalene: A new era
Sharad Khandelwal, Institute of Life Sciences, Nasik- India

Coffee Break

Title: Effect of PGRs on organogenesis among clones of *Hippophae rhamonides* in *in vitro* culture
Songhee Lee, Dongguk University, Korea

Title: Effect of oil on phytoremediation of PCB co-contamination in transformer oil using *Chromolaena odorata*
R. O. Anyasi, University of South Africa, South Africa

Title: Towards a grass biorefinery
Joe Gallagher, Aberystwyth University, UK

Panel Discussion

Cocktails Sponsored by **Journal of Biotechnology & Biomaterials @ Oak**

Day 2 September 24, 2013

Camellia

Keynote Forum

Ganapathy Sivakumar
Arkansas State University, USA

Track 4: Petroleum and Environmental Biotechnology
Track 5: Genetic Engineering and Molecular Biology
Track 6: Clinical and Cellular Immunology
Track 7: Medical Biotechnology and Biomedical Engineering
Track 8: Tissue Science and Engineering

Session Chair: Xiangwu Zhang, North Carolina State University, USA

Session Co-Chair: Tiina Leiviska, University of Oulu, Finland

Session Introduction

Title: Advanced multi-functional nanofiber-textile materials for chemical and biological protection applications
Xiangwu Zhang, North Carolina State University, USA
Title: The role of meta-topolins in micropropagation and secondary metabolite production of medicinal plants
Stephen O. Amoo, University of KwaZulu-Natal, South Africa

Coffee Break

Title: Potential use of inexpensive green tealeaves for the bioremoval of hair dyes
Abel E. Navarro, New York University, USA
Title: p16 in occular surface squamous neoplasia
Sheetal Chauhan, AIIMS, India
Title: Biosynthesis and conjugation techniques towards the development of theranostic nano-photosensitizers
Jayeeta Bhaumik, National Institute of Pharmaceutical Education and Research, India
Title: Genetic mutation and disordered protein structure
Orkid Coskuner, University of Texas, USA
Title: Isolation of biosurfactant producing strains for enhanced bioavailability of hydrocarbon contaminants
Amodu O.S, Cape Peninsula University of Technology, South Africa

Lunch Break

Title: Anoxic oxidation of arsenite linked to chemolithotrophic denitrification: the missing link in the biogeochemical arsenic cycle
Wenjie Sun, University of Arizona, USA
Title: Generation of biogas from cow dung
Onwuliri, F. C, University of Jos, Nigeria
Title: p16 in occular surface squamous neoplasia
Sheetal Chauhan, All India Institute of Medical Sciences, India
Title: Biodegradation of free cyanide using bacterial species isolated from cyanide waste water
V. A. Jackson, Cape Peninsula University of Technology, South Africa

Coffee Break

Poster Presentations
Cocktails Sponsored by **Journal of Bioremediation & Biodegradation @ Oak**

Day 3 September 25, 2013

Camellia

Track 9: Cell Science and Stem Cell Therapy
Track 10: Pharmaceutical Sciences
Track 11: Food Processing, Functional Foods and Health
Track 12: Omics Technologies

Session Chair: Jimmy T. Efird, Brody School of Medicine, USA

Session Co-Chair: Ara Kanekanian, Cardiff Metropolitan University, UK

Session Introduction

Title: Emerging role of *micro*RNA in drought stress tolerance in the biofuel, bioenergy crop sugarcane
Sangeeta Srivastava, Oklahoma State University, USA
Title: Targeted analytic methods for deep sequencing
Jimmy T. Efird, Brody School of Medicine, USA
Title: The effect of cooking and fermentation on the functional and nutritional properties of cofermented walnut/maize
Mojisola Adenike, Federal University Department of Microbiology, Nigeria

Coffee Break

Title: Characterization of photo-acoustic wave imaging using probe beam deflection technique
Ronald A. Barnes, The university of Texas, USA
Title: Use of fuzzy set theory and its modifications in understanding problems of bio-informatics
D.K.Bhattacharya, Rabindra Bharati University, India
Title: Antioxidant and cytotoxicity activities of *Veitchia merrillii* fruits
Ali Vafaei, University of Malaya, Malaysia
Title: Towards production of novel traits from oil palm via genetic modification
Ahmad Parveez Ghulam Kadir, Advanced Biotechnology and Breeding Centre, Malaysia
Title: Comparison of the microbial communities of two bioreactors treating metal mine tailing seepage water with different efficiencies
Maryam Rezadehbashim, University of British Columbia, Canada

Lunch Break

Title: Mathematical models for study of stem cells dynamics of neurological disorders and some cancer computational models, based on nanobiotechnology
Katya Marinova Simeonova, Bulgarian Academy of Sciences, Bulgaria
Title: Antibacterial spectra of lactic acid bacteria from Nigerian fermented foods
Adebayo, Cecilia, O, Federal Polytechnic, Ado-Ekiti, Nigeria

Panel Discussion

Award Ceremony

