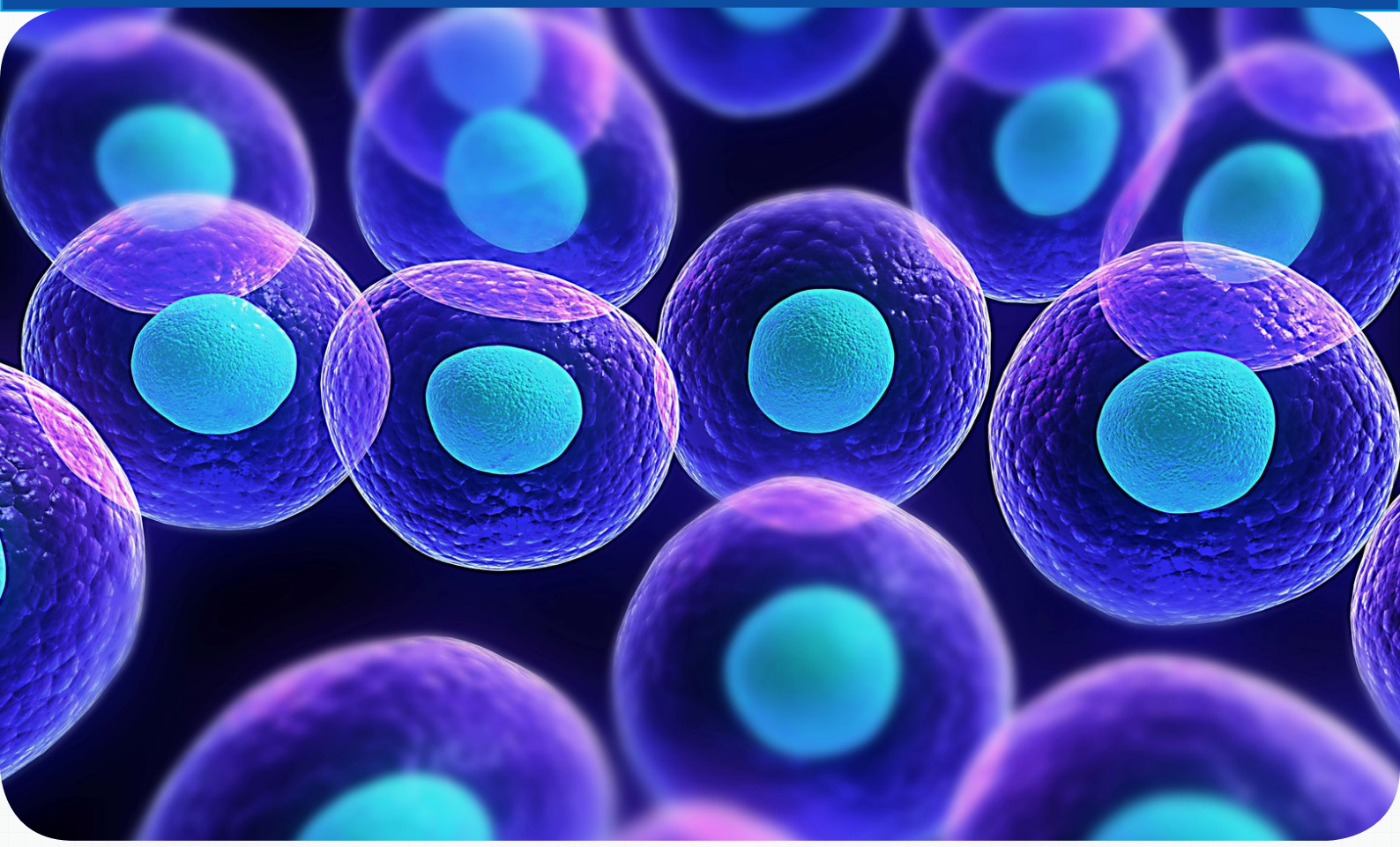
# Tentative Program

## 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

| | | | |
|---|---|---|---|
| Morning Sessions | **Time** | **Session 1** | **Session 2** |
| | 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/**

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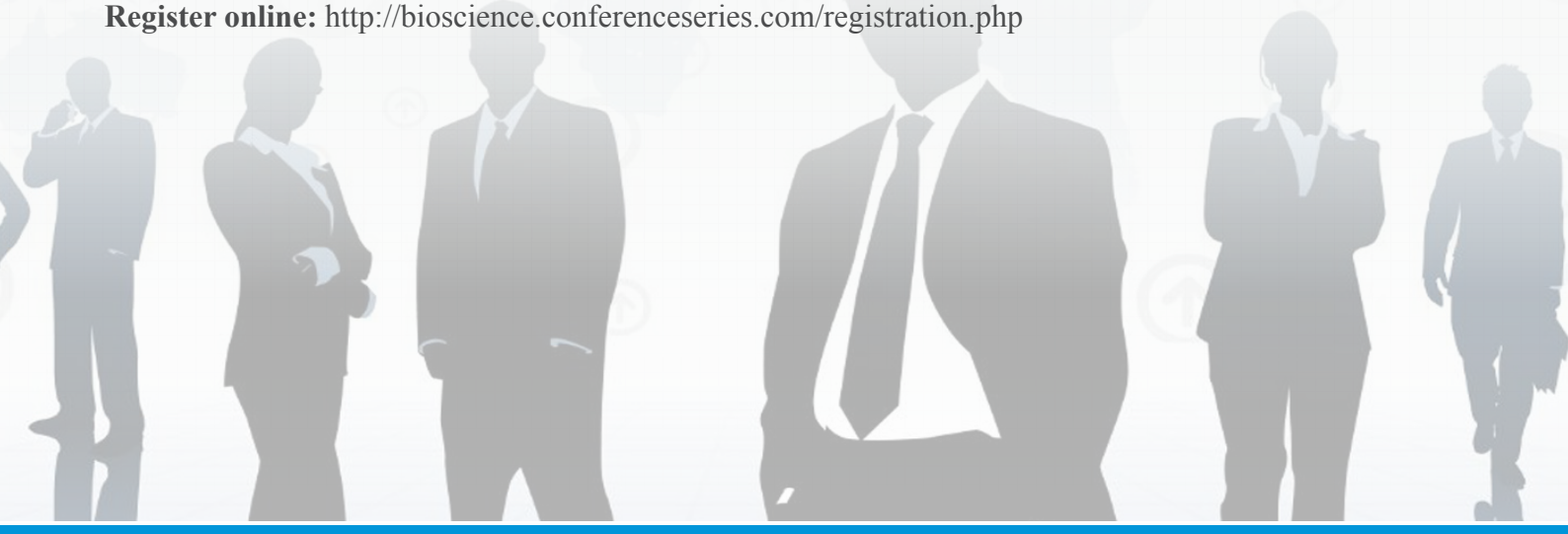
# Conference Highlights

- 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/

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# 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




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656th Conference

Annual Conference on

# Bioscience

September 12-13, 2016 Berlin, Germany

## Scientific Program



Registrations

Lubeck

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# 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**



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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



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# Scientific Program

## 5th World Congress on

# Biotechnology

June 25-27, 2014 Valencia Conference Centre, Spain



In Collaboration with

BIOVAL BIOREGIÓN DE LA COMUNIDAD VALENCIANA

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BIOTECHNOLOGY NETWORK

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**Registrations**

**Auditorium 3 A+B**

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# 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**

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# Biotechnology

September 23-25, 2013

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**Day 1** **September 23, 2013**

**Registrations**

**Camellia**

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# 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**

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## 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**

