conferenceseries.com
617th Conference

Scientific Program

Biotechnology World Convention

August 15-17, 2016 Sao Paulo, Brazil



Hosting Organization: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-702-508-5200 Ext: 8047, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Conference Series Ltd
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499
Email: worldbiotechnology@insightconferences.com, worldbiotechnology@conferenceseries.net

Scientific Program

Day 1 August 15, 2016

09:00-09:30 Registrations

Lorangerie II

conferenceseries.com **09:30-09:40** Opening Ceremony

Keynote Forum

09:40-10:25 **Title: Design of biosimilars to overcome the limitations of neuromodulation of the inflammation**
Luis Ulloa, Rutgers New Jersey Medical School, USA

10:25-11:10 **Title: Saponins from leaves of *Quillaja brasiliensis*, a new source of immunoadjuvants with low toxicity: Biotechnological strategies for improving yields**
Arthur Germano Fett-Neto, Federal University of Rio Grande do Sul, Brazil

Coffee Break 11:10-11:30 @ Foyer Versailles

Sessions: Medical Biotechnology and Bimedical Engineering | Bioinformatics and Biosensors | Nano Biotechnology | Applied Biotechnology | Market Analysis of Biotechnology

Session Introduction

Session Chair: Abdelaziz Tlili, University of Sharjah, UAE
Session Co-Chair: Glaucia C. Pereira, Icelandic Institute for Intelligent Machines, Iceland

11:30-12:00 **Title: Mutation spectrum of common deafness: Causing genes in patients with non syndromic deafness in UAE population**
Abdelaziz Tlili, University of Sharjah, UAE

12:00-12:30 **Title: A multi-layer non-Newtonian model of cardiovascular inflammation**
Glaucia C Pereira, Icelandic Institute for Intelligent Machines, Iceland

12:30-13:00 **Title: Protein-protein and peptide-protein interactions to elucidate protein and cell structures as well as to modulate pharmacological barriers**
Ingolf E Blasig, Leibniz-Institut für Molekulare Pharmakologie, Germany

Lunch Break 13:00-14:00 @ Aquarelle

14:00-14:30 **Title: Alternative extraction of bergenin: A case study of valuation for technology transfer**
Rosana Zau Mafra, Amazonas Federal University, Brazil

14:30-15:00 **Title: Biotechnological approaches for the production of anticancer compound shikonin and their derivatives from *Arnebia euchroma* (Royle) Johnston**
Sonia Malik, Federal University of Maranhão, Brazil

15:00-15:30 **Title: Chlorophyllin derivatives mediated PDT: A new ray of hope in the horizon for cancer treatment**
Iman Emam Omar Gomaa, German University in Cairo, Egypt

15:30-16:00 **Title: Modeling ER stress and associated disorders on the onset of obesity**
Rajat Kumar De, Indian Statistical Institute, India

Coffee Break 16:00-16:20 @ Foyer Versailles

16:20-16:50 **Title: Linear peptides of *Mycobacterium leprae* antigens identified by SPOT synthesis indicate possible targets for serum diagnosis of leprosy**
Juliana Ferreira de Santana, Universidade Federal do Parana, Brazil

16:50-17:20 **Title: A proteomic study on the responses to arsenate stress by an acidophilic fungal strain *Acidomyces acidophilus* WKC1**
Wai Kit Chan, Middlesex University School of Science & Technology, UK

Panel Discussion

Day 2 August 16, 2016

Lorangerie II

Keynote Forum

09:30-10:15 **Title: Towards personalized precision medicine: New generation graphene protein microfluidic sensors**
Venkatesan Renugopalakrishnan, Boston Children's Hospital, Harvard Medical School, Northeastern University, USA

10:15-11:15 Work Shop on **Biotechnology and plant secondary metabolites production**
by: **Sonia Malik, Surender Kumar Sharma,** Federal University of Maranhao, Brazil

Coffee Break 11:15-11:35 @ Foyer Versailles

Sessions: **Agricultural Biotechnology | Molecular Biotechnology | Industrial Biotechnology | Pharmaceutical Biotechnology**

Session Introduction

Session Chair: Youhe Gao, Beijing Normal University, China
Session Co-Chair: Vadim R Viviani, Universidade Federal de Sao Carlos, Brazil

11:35-12:05	**Title: Brazilian beetle luciferases: Developing a bright future for cell toxicity assays, bioimaging and environmental analysis** **Vadim R Viviani,** Universidade Federal de Sao Carlos, Brazil
12:05-12:35	**Title: Antigenic profile of humoral immune response against pathogens of interest in public health by next-generation sequencing of phage-displayed peptide libraries** **Carlos Prudencio,** Adolfo Lutz Institute, Brazil
12:35-13:05	**Title: 4F-acts: A strategy to discovery protein interactions *in situ* sensitivity and specifically** **Youhe Gao,** Beijing Normal University, China

Lunch Break 13:05-14:00 @ Aquarelle

14:50-15:20	**Title: Supported liquid membrane for *in situ* removal of quiral amines produced by biocatalysis in cascade reactions** **Bianca Ayres,** Lund University, Sweden
15:20-15:50	**Title: Root proteome analysis of soybean under phosphorus starvation reveals the genotypic variation in organic acid exudation potential** **Renu Pandey,** Indian Agricultural Research Institute, India

Coffee Break 15:50-16:10 @ Foyer Versailles

16:10-16:40	**Title: MicroRNA: A small non-coding RNA, an efficient biomarker for prostate cancer** **Khanmi kasomva,** Indian Council of Agriculture RC-NEH, India
16:40-17:10	**Title: Adjuvant Potential of Outer Membrane Vesicles From *Neisseria lactamica*** **Mariana Watanabe Garcia,** University of São Paulo , Brazil
17:10-17:40	**Title: Screening E3 Substrates Using a Live Phage Display Library** **Youhe Gao,** Beijing Normal University, China

Panel Discussion

Poster Sessions: 14:00-14:50 @ Lorangerie II

WB 01	**Title: *Brucella* species in human in Rondonia in the Brazilian Amazon** **Heinz Roland Jakobi,** University of São Paulo, Brazil
WB 02	**Title: Serological and molecular tests for the diagnosis of human brucellosis in workers in slaughterhouses in Rondonia in the Brazilian Amazon** **Heinz Roland Jakobi,** University of São Paulo, Brazil
WB 03	**Title: Validation of human brucellosis test diagnostic: Test Rose Bengal [TRB], ELISA (IGM and IGG) and PCR Real Time Multiplex** **Heinz Roland Jakobi,** University of São Paulo, Brazil
WB 04	**Title: Spring wheat mutation resource for high yield associated traits and enriched grain protein and iron under drought conditions** **Kenzhebayeva Saule,** Kazakh National University named after al-Farabi, Kazakhstan
WB 05	**Title: Introduction of *Brachypodium distachyon* as genetic source of stability to leaf rust in spring wheat** **Omirbekova Nargul,** Al-Farabi Kazakh National University, Kazakhstan
WB 06	**Title: Evaluating alkaline activated carbon for methane enrichment of biogas** **Paula Lobo Accioly,** Federal University of Pernambuco, Brazil
WB 07	**Title: Strategies for reducing acetate formation during *Salmonella typhimurium* LT2 cultures** **Jose Roberto Fuzer Neto,** Federal University of Sao Carlos, Brazil
WB 08	**Title: Dynamics of different fermentation processes in coffee (*Coffea arabica* L. var Caturra) and its effect on the beverage quality** **Aida Esther Penuela-Martinez,** National University of Colombia at Medellin, Colombia

Day 3 August 17, 2016

10:00-11:30	**Networking/Interactive session**

Closing Cermony

Lunch Break 13:00-14:00 @ Aquarelle