

Scientific Program

Biotechnology World Convention

August 15-17, 2016 Sao Paulo, Brazil



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 August 15, 2016

09:00-09:30 Registrations

Lorangerie II

conference**series**.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 Biomedical 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: Glauca 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**
Glauca 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 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 Ceremony

Lunch Break 13:00-14:00 @ Aquarelle