# conferenceseries.com 2nd World Biotechnology Congress 2017

December 04-05, 2017 Sao Paulo, Brazil

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| 09:00-09:15 | **Registrations** |
| 9:15-09.30 | **Opening Ceremony** |
| | **Keynote Forum** |
| 9:30-10.00 | **Title: Smart Implant Outfitted with Active Therapeutics and Stem Cells for Regenerative Nano Medicine**<br>***Nadia Benkirane Jessel, French National Institute of Health and Medical Research, France.*** |
| 10:00-10:30 | **Title: Novel Education Model to Fit the Future of Biotechnology**<br>***Meghana Joshi, Biocon-KGI program, Keck Graduate Institute, USA*** |
| 10.30-11.00 | **Title: Exploring Detection Methods for Foodborne Pathogens: Shiga Toxin-Producing E. coli as an Example**<br>***Xiaohua He, USDA, ARS, WRRC, USA*** |
| **Group Photo** | |
| **Networking & Refreshment Break 11.00-11.20** | |
| **Session I** | |
| **Tracks: Agriclutural Biotechnology\| Plant Biotechnology \| Food processing and Safety Engineering \| Pharmaceutical Biotechnology \| Bioprocess & Industrial Biotechnology \|Nano Biotechnology** | |
| **Session Chair:** ***Meghana Joshi, Biocon-KGI program, Keck Graduate Institute, USA*** | |
| **Session Co-Chair:** ***Xiaohua He, USDA, ARS, WRRC, USA*** | |
| 11.20-11.40 | **Title: Reducing Petroleum Use by Developing Renewable Resources that Replace Petrochemicals**<br>***Thomas A. McKeon, International Society for Biocatalysis and Agricultural Biotechnology(ISBAB), USA*** |
| 11:40-12:00 | **Title: Developing Biopesticides, Biofertilizers and Bioproducts for Next Generation Green Revolution and Sustainable Agriculture**<br>***Ze-Chun Yuan, Agriculture and Agri-Food Canada, Canada*** |
| 12:00-12:20 | **Title: Quick Detection Method for Foodborne Bacterial Pathogens**<br>***Guodong Zhang, Food and Drug Administration, USA*** |
| 12:20-12:40 | **Title: Production of Extra Jam from Indigenous Grape Varieties**<br>***Vlasta Pilizota, University of J.J. Strossmayer, Croatia*** |
| 12.40-13.00 | **Title: The Past, Present and Future Potential Applications in Natural Product Genomics and Bioengineering of the Medicinal Desert Shrub *Rhazya Stricta***<br>***Mohammed Nabih Baeshen, University of Jeddah, Saudi Arabia*** |
| **Lunch Break 13.05-14.05** | |
| 14:05-14:25 | **Title: Biotechnologies: Which One(s) and What Trends & Future for Mid-size Pharma Companies**<br>***Jean A. Boutin , Institut de Recherches Internationales SERVIER, France*** |
| 14:25-14:45 | **Title: Photo-Curable Natural Polymer Derivatives for Bio-Medical Application**<br>***Tae-il Son, Chung-Ang University, Republic of Korea*** |
| 14:45-15:05 | **Title: Improving the Nutritional Quality of Cherry Tomato Fruits by LED Lighting**<br>***Simon Miranda, Universidad de Chile, Chile*** |
| 15:05-15:25 | **Title: Bioinspired Solvent-Resistant Nanofiltration Membranes**<br>***Liliana Perez Manriquez, King Abdullah University of Science and Technology, Saudi Arabia*** |
| **Networking & Refreshment Break 15:25-15:45** | |

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| **15:45-16:05** | **Title: RNA-Seq Analysis of Aluminum Stress Response in Sugarcane Roots** |
| | ***Kameswara Rao Kottapalli, Texas Tech University, USA*** |
| **16:05-16:25** | **Title: Un-regulatory Actions of ecdB Transcription Factor Present in Echinocandin B Biosynthetic Gene Cluster** |
| | ***Arvind Kumar, Central University of South Bihar, India*** |
| **Networking & Refreshment Break 16:25-16:45** | |
| **Video Presentations 16:45-17:30** | |
| | **Title: Pore Shape Affected by Gravity** |
| | ***Wei Peng Sheng, National Sun Yat-sen University, Taiwan*** |
| | **Title: Evaluation of Flavonoid Catechin from an Endophytic Fungus *Curvularia Australiensis* FC2AP for Treating Cervical Cancer in Female Sprague Dawley Rats** |
| | ***Manon Mani, Hindusthan College of Arts and Science, India*** |
| | **Title: Chemical Characterization and Optimization of 4MHA Pentapetide Lactone from *Streptomyces Parvulus* C5-5Y** |
| | ***Parimala Gnana Soundari, Hindusthan College of Arts and Science,India*** |
| **Panel Discussion** | |
| **Day 2 October 20, 2017** | |
| **Keynote Forum** | |
| **09:30-10:00** | **Title: The Forefront of Scientific Progresses in Plant Science: Next Generation Crop Breeding** |
| | ***Huang Yinghua, USDA-ARS Plant Science Research Laboratory, USA*** |
| **10:00-10:30** | **Title: Recombinant Proteins from Bench to Clinics** |
| | ***Fuad Fares, University of Haifa, Israel*** |
| **10:30-11:00** | **Title: Genomics and Epigenetics with 2D Material Nano-Electronics** |
| | ***Jean Pierre Leburton, University of Illinois , USA*** |
| **Session II** | |
| **Animal Biotechnology\| Genetics and Tissue Science & Engineering \| Medical Biotechnology \|Microbial Biotechnology \| Molecular Biology** | |
| **Session Chair: *Fuad Fares, University of Haifa, Israel*** | |
| **Session Co-Chair: *Huang Yinghua, USDA-ARS Plant Science Research Laboratory, USA*** | |
| **11:00-11:30** | **Title: Micro Knitting Yarn Biocomposites (Metallic Fibers, Organic Fibers and Biodegradable Resin) for the Smart Textile Market** |
| | ***Liliana Rubio, PMO Polymer Business Intelligence Brazil*** |
| **Networking & Refreshment Break 11:30-11:50** | |
| **11:50-12:10** | **Title: Commercial Polyester Fabric Repair of Abdominal Defects and Hernias spectroscopy and a Bio-Reactor with Sampling in and out, at Constant Pressure and Perturbation Agents for the Study** |
| | ***Mohmad Shokry, Cairo University, Giza, Egypt.*** |
| **12:10-12:30** | **Title: Genotoxicity of Gemcitabine Low Dose in White Rat Bone Marrow Cells** |
| | ***Abdul Rahman, Shaqra University, Saudi Arabia*** |
| **12:30-12:50** | **Title:Modeling of Fermentation Process of *Bacillus Thuringiensis* as a Sporulating Bacterium** |
| | ***N. Mostoufi, University of Tehran, Iran*** |
| **12:50-13:10** | **Title: The Future of Pharmaceutical Biotechnology with the Industry 4.0 – Managing New Technologies, Teams and Reaching Customers from Baby Boomers to the iGeneration** |
| | ***Wilker Ribeiro Filho, Getulio Vargas Foundation, Brazil*** |
| **13:10-13:30** | **Title: Comparative Analysis of Two Inducible Promoters for Controlled Nuclear Transgene Expression in Chlamydomonas Reinhardtii** |
| | ***Paula Barjona do Nascimento Coutinho, Universität Erlangen Nürnberg, Germany*** |

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| | **Lunch Break 13:30-14:30** |
| **14:30-14:50** | **Title: Anti-Cancer Drug Discovery: Rational Strategy to Acquire Anti-Cancer Candidate Compounds** |
| | ***Rosy Iara M A Ribeiro, Federal University of Sao Joao del Rei, Brazil*** |
| **14:50-15:10** | **Title: Estimate Infectivity of Human Norovirus in Environmental Water Samples by *In Situ* Capture RT-qPCR Method** |
| | ***Peng Tian, United States Department of Agriculture, USA*** |
| **15:10-15:30** | **Title: The Probable Effect of MT1A (A>G) and MT1A (C>G) SNPs of Metallothionein Gene on Whole Blood Mercury Levels in Iranian Populations** |
| | ***Javad Babaei, Valiasr hospital research center, Iran*** |
| **15:30-15:50** | **Title: Bacterial Cellulose as Matrix to Functionalize Macromolecules** |
| | ***Cesar Tischer, State University of Londrina, Brazil*** |
| | **Panel Discussion** |
| | **Networking & Refreshment Break 15:50-16:10** |
| | **Poster Session(16:10-17:00)** |
| **WBC- P1** | **Title: ROM-AGROBIOFERTIL NP- Biological Fertilizer for a Sustainable Agriculture** |
| | ***Nicolae Levandovschi, ROMVAC, Romania*** |
| **WBC- P2** | **Title: Cellulase and Xylanase Activities of *Xanthomonas Axonopodis pv. manihotis (Xam)* Strains Collected from Different Regions of Colombia** |
| | ***Leidy Yanira Rache, Universidad de los Andes, Colombia*** |
| **WBC- P3** | **Title: Cytotype and Molecular Variability of *Myriophyllum L*** |
| | ***Tereza Kavova, University of South Bohemia, Czech Republic*** |
| **WBC- P4** | **Title: Design and Testing of Duplex-PCR Primers for Detection of Bacterial Spot of Tomato** |
| | ***Dagmar Stehlíkova, University of South Bohemia, Czech Republic*** |
| **WBC- P5** | **Title: Bauhinia Stem Extracts as a Possible New Treatment for Breast Cancer and Metastasis: Inhibition of Migration, Invasion and of the Activity of Matrix Metalloproteinases.** |
| | ***Kamilla Santos, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P6** | **Title: Activity of Derived Extracts from *Annona Coriacea* Mart. on Head and Neck Tumor Lines** |
| | ***Aline Thaynara de Moura Coelho, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P7** | **Title: Evaluation of Activities of *Miconia Cuspidata* extracts on Gelatinases and HeLa cell lines** |
| | ***Lucas Santos Azevedo, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P8** | **Title: Evaluation of the Antineoplastic Potential of New Natural Compounds in Glioblastoma Lines** |
| | ***Lorena Raspante de Sousa, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P9** | **Title: Antitumor Activity of *Miconia Chamissois Naudin* Fractions in Human Glioma Lines: in vitro and in vivo** |
| | ***Ana Gabriela Silva, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P10** | **Title: Break of Dormancy and Evaluation of the Germination Rate of the Cerrado Medicinal Species: *Eriosema Pycnanthum*** |
| | ***Jose Antonio Ribeiro Neto, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P11** | **Title: Screening of Extracts of the Cerrado in Human Glioblastoma Tumoral Cell Line** |
| | ***Patrik da Silva Vital, Federal University of Sao Joao del Rei, Brazil*** |
| **WBC- P12** | **Title: Xylopia Aromatic Hexane Extract Promotes Antitumor Effects in Ehrlich Tumor Carcinoma** |
| | ***Maria Juliana Ferreira Passos, Federal University of Sao Joao del Rei, Brazil*** |
| | **Panel Discussion** |
| | **Closing and Award ceremony** |
| | **Thanks Giving & Closing Ceremony** |