Tentative Program

3rd World Biotechnology Congress

December 03-04, 2018 | Sao paulo, Brazil



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

For available speaker slots

https://world.biotechnologycongress.com

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)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

Day 2

Morning Sessions		Time	Session 1	Session 2
	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00 Awards and Closing Ceremony			

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

About Sao Paulo, Brazil

Sao Paulo is both the name of a state, as well as, a city. Those born in the city of Sao Paulo are called "Paulistanos." Those born in the state of Sao Paulo but, not in its capital, are called "Paulistas." To illustrate, there are three "Paulistanos" soccer teams in the first division of the national league: Portuguesa, Sao Paulo and Corinthians, which is the only billionaire soccer club in brazil Accordingly, there are two "Paulistas" soccer teams in Brazil's Series A: Ponte Preta and Santos FC.

Sao Paulo state has 645 municipalities and a population of approximately 40 million inhabitants. According to IBGE, Brazil's main government research institute, the population in the city of Sao Paulo is about 11 million inhabitants. If we take into account the metropolitan area, which includes 38 smaller cities around the capital, the population is almost 19,000,000 inhabitants. In Brazil, 81.3% of the population lives in urban areas even though the amazon rainforest covers up to 57% of the total area of Southern hemisphere's largest country. This urban concentration helps to explain why it is more expensive to rent an office in Sao Paulo than in New York City.

Sao Paulo metropolitan region totals 847 thousand students enrolled in institutes of higher education (mainly colleges and universities), 90% are enrolled in private institutions and 10% in public ones. According to Sindata, which provides data about Sao Paulo education ecosystem, there are 202 private institutions of higher education and 20 public one in Sao Paulo metropolitan area, representing a growth of 47% in the total of institutions of higher education since 2000



Plan your Trip to Sao Paulo, Brazil



Ibirapuera Park



Mosteiro De Sao Bento



Museu Arte Contemporanea



Our Lady of Brazil Church



Parque do Ibirapueera



Paulista Avenue



Pinacoteca of the State of Sao Paulo



Renault Theater

Major Scientific Sessions

- Agricultural Biotechnology
- Plant Biotechnology
- Environment Biotechnology
- Food Processing safety and Technology
- Animal Biotechnology
- Pharmaceutical Biotechnology
- Cell science and Tissue science engineering
- Genetic Engineering
- Molecular Biology
- CRISPER Technologies
- Industrial Biotechnology
- Bioinformatics
- Biofuels
- Biomass and Bioenergy
- Recycled Fuels
- Nano Biotechnology



Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/ are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe Interact and share ideas with both peers and mentors

General Queries

worldbiotechnology@geneticconferences.com

Conference Venue: Sao paulo, Brazil

Conference Series - UK
3rd World Biotechnology Congress
Kemp House
152 City Road, London EC1V 2NX
Toll Free: +1-800-216-6499
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Conference Series - Asia Pacific
3rd World Biotechnology Congress
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2nd World Biotechnology Congress

December 04-05, 2017 | Sao Paulo, Brazil



Day 1 December 04, 2017

09:00-09:15 Registrations

Conference Hall: Barba Gato

conferenceseries.com 09:15-09:30 **Opening Ceremony**

Keynote Forum

09:30-10:00 **Title: Genomics and epigenetics with 2d material nano-electronics**
Jean Pierre Leburton, University of Illinois, USA

10:00-10:30 **Title: Exploring detection methods for foodborne pathogens: Shiga toxin-producing *E. Coli* as an example**
Xiaohua He, United States Department of Agriculture, USA

Workshop

10:30-11:00 **Nano Temper Technologies**
Daniel Maturana, Brazil

Panel Discussion

Group Photo

Networking & Refreshment Break 11:00-11:20 @ Foyer

Sessions:
Agriclutural Biotechnology | Plant Biotechnology | Food processing and Safety Engineering | Pharmaceutical Biotechnology | Bioprocess & Industrial Biotechnology | Nano Biotechnology

Session Chair: Jean Pierre Leburton, University of Illinois, USA
Session Co-chair: Xiaohua He, USDA, ARS, WRRC, USA

Session Introduction

11:20-11:40 **Title: Reducing petroleum use by developing renewable resources that replace petrochemicals**
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**
Ze-Chun Yuan, Agriculture and Agri-Food Canada, Canada

12:00-12:20 **Title: Bacterial cellulose as matrix to functionalize macromolecules**
Cesar Tischer, State University of Londrina, Brazil

12:20-12:40 **Title: Scaling up the biotechnological process of the recombinant rabies virus glycoprotein, by S2 cells**
Monize Caiado Decarli, State University of Campinas, Brazil

12:40-13:00 **Title: BioCAE A multiscale framework for complex biological systems and biofabrication of tissues and organs**
Janaina Dernowsek, Center for Information Technology Renato Archer, Brazil

Panel Discussion

Lunch Break 13:00-14:00 @ Foyer

14:00-14:20 **Title: Biotechnologies: which one(s) and what trends & future for mid-size pharma companies**
Jean A. Boutin, Institut de Recherches Internationales SERVIER, France

14:20-14:40 **Title: Photo-curable natural polymer derivatives for bio-medical application**
Tae-il Son, Chung-Ang University, Republic of Korea

14:40-15:00 **Title: Improving the nutritional quality of cherry tomato fruits by LED lighting**
Simon Miranda, Universidad de Chile, Chile

15:00-15:20 **Title: Bioinspired solvent-resistant nanofiltration membranes**
Liliana Perez Manriquez, King Abdullah University of Science and Technology, Saudi Arabia

15:20-15:40	**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

Panel Discussion

Networking & Refreshment Break 15:40-16:00 @ Foyer

16:00-16:20	**Title: Cry toxins and CRISPR/Cas technology: How biotechnology advances can contribute to new crops** **M.Fatima Grossi de Sa,** Brasilia Catholic University, Brazil
16:20-16:40	**Title: iPS-derived cardiomyocytes and keratinocytes for drug screening and cytotoxicity assays** **Estela Mitie Cruvinel,** Pluricell Biotech, Brazil
16:40-17:00	**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
17:00-17:20	**Title: Bioengineering of the medicinal desert shrub *rhazya stricta*** **Mohammed Nabih Baeshen,** University of Jeddah, Saudi Arabia

Panel Discussion

Day 2 December 05, 2017

Conference Hall: Barbo Gato

Keynote Forum

09:30-10:00	**Title: Recombinant proteins from bench to clinics** **Fuad Fares,** University of Haifa, Israel
10:00-10:30	**Title: Micro knitting yarn biocomposites (Metallic Fibers, Organic Fibers and Biodegradable Resin) for the smart textile market** **Liliana Rubio,** PMO Polymer Business Intelligence Brazil

Panel Discussion

Networking & Refreshment Break 10:30-10:50

Sessions:
Animal Biotechnology | Genetics and Tissue Science & Engineering | Medical Biotechnology | Microbial Biotechnology | Molecular Biology

Session Chair: Fuad Fares, University of Haifa, Israel
Session Co-chair: Liliana Rubio, PMO Polymer Business Intelligence, Brazil

Session Introduction

10:50-11:10	**Title: Impact of biotechnology in brazilian agriculture sector** **Adriana Brondani,** Council for Information on Biotechnology, Brazil
11:10-11:30	**Title: Properties of hydrochloric chitosan multifilament fibers modified with nano-calcium phosphate complex** **Luciano Pignehelli,** Lutheran University of Brazil, Brazil
11:30-11:50	**Title: Genotoxicity of gemcitabine low dose in white rat bone marrow cells** **Abdul Rahman,** Shaqra University, Saudi Arabia
11:50-12:10	**Title: Modeling of fermentation process of *Bacillus Thuringiensis* as a sporulating bacterium** **Navid Mostoufi,** University of Tehran, Iran
12:10-12:30	**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,** Instituto Reger, Brazil
12:30-12:50	**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

Panel Discussions

Lunch Break 12:50-13:50 @ Foyer

13:50-14:10	**Title: Comparative analysis of two inducible promoters for controlled nuclear transgene expression in *Chlamydomonas reinhardtii*** **Paula Barjona do Nascimento Coutinho,** University of Nurnberg, Germany

Young Researchers Forum	
14:10-14:25	**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
14:25-14:40	**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
14:40-14:55	**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
14:55-15:10	**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
15:10-15:25	**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
Panel Discussions	
Networking & Refreshment Break 15:25-15:45 @ Foyer	
15:45-16:00	**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
16:00-16:15	**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
16:15-16:30	**Title: Xylopia aromatic hexane extract promotes antitumor effects in ehrlich tumor carcinoma** **Maria Juliana Ferreira Passos,** Federal University of Sao Joao del Rei, Brazil
Poster Presentations 16:30-17:00	
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: Production of extra jam from indigenous grape varieties** **Vlasta Pilizota,** University of J.J. Strossmayer, Croatia
Video Presentations 17:00-18:00	
WBC-V 01	**Title: Pore shape affected by gravity** **Wei Peng Sheng,** National Sun Yat-sen University, Taiwan
WBC-V 02	**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
WBC-V 03	**Title: Chemical characterization and optimization of 4mha pentapetide lactone from streptomyces parvulus C5-5Y** **Parimala Gnana Soundari,** Hindusthan College of Arts and Science,India
WBC-V 04	**Title: Un-regulatory actions of ecdb transcription factor present in echinocandin b biosynthetic gene cluster** **Arvind Kumar,** Central University of South Bihar, India
Panel Discussion	
Closing Ceremony	

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617th Conference

Scientific Program

Biotechnology World Convention

August 15-17, 2016 Sao Paulo, Brazil



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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