

# Annual Congress on Advances in Biotechnology

Day 1 | February 17, 2020

Registration Desk Opens

Opening Ceremony

Group Photo

Exhibitor talk about Digital PCR -Stilla Technologies

Exhibitor talk on Yeast extract and peptone for fermentation nutrients as culture media

Keynote Presentation

**Title: Precision liquid biopsy based nucleic acid based molecular diagnostics powered by xenonucleic acids**

**Michael J Powell** | DiaCarta, Inc | USA

**Title: Productivity of Biomass and Bioenergy in Tropical Ecosystem Through Integrated Bio Cycle Management**

**Cahyono Agus** | Universitas Gadjah Mada | Indonesia

**Title: Production and physiochemical characterization of poly(3-hydroxybutyrate) bioplastic by Brazilian bacterium Ralstonia solanacearum under different production media and saline stress conditions**

**Angelita Moreira** | Federal University of Pelotas (UFPEL) | Brazil

Networking and Refreshment Break

**Title: A novel predictor of leukemia transformation in Myelodysplastic syndrome patients**

**Wen-Chi Yang** | Yuan's General Hospital | Taiwan

**Title: Stem cell for diabetes and joint pain**

**Pravin Patel** | Dr Pravin Patel's Innovative Hospital & Research Center PVT. LTD. | India

Panel Discussion

**Title: Effect of Moroccan phosphate sludge-compost associated with arbuscular mycorrhizas and phosphate solubilizing bacteria on growth and development of tomato**

**Sanae El Maaloum** | Sanae El Maaloum | Morocco

**Title: A Nanofluidic Paradigm and Approach to Brain Water Metabolism**

**Ernst Titovets** | Department of Neurosurgery of Republican Research and Clinical Center of Neurology and Neurosurgery | Belarus

Lunch

**Title: Study on bioactive compounds and anti oxidant activity of Hatkora (Citrus macroptera Mont.) accessions for selection of superior genotypes from Mizoram, India**

**Esther Lalruatsangi** | Central Agricultural University | India

**Title: Machine learning enabled breast cancer detection using salivary**

**Masahiro Sugimoto** | Tokyo Medical University | Japan

**Title: Interaction between probiotics and skin pathogens within the host**

**Duaa S Al-Dulaimy** | Cardiff University | UK

**Title: Influenza vaccine coverage and efficacy among King Salman Armed Forces Hospital 2017-2018**

**Rofayda Mansor Ahmed** | King Salman Armed Forces Hospital | Saudi Arabia

### Networking and Refreshment Break

**Title: Second generation biofuel ethanol from lignocellulosic biomass as a potential renewable energy resource**

**Bijender Kumar** | School of Biotechnology | India

**Title: Balancing Socio ecological and Environmental Dimensions to Enhance Biotechnology Means for Poverty Reduction and Sustainable Development**

**Abdelaziz Gaiballa** | Sudan University of Science and Technology | Sudan

**Title: Clinical usefulness of procalcitonin assay to diagnose sepsis: Proposal and evaluation of PCT-qSOFA**

**Young Ah Kim** | NHIMS Ilsan Hospital | South Korea

**Title: Significance of MicroRNA (miRNA) in prostate cancer hamstering by plant isolated compounds**

**Saritha Surapaneni** | R R College of Pharmacy | India

**Title: Potentials of human umbilical cord-derived cells in clinical application**

**Hasan Mahmud Reza** | North South University | Bangladesh

### Day 2 | February 18, 2020

#### Keynote Presentation

**Title: Malignant hyperthermia - a genetic disease of sodium channel function**

**Charles H Williams** | The Williams Research Laboratory | USA

**Title: Unique opportunities in the Biobased Delta of the Netherlands**

**Marcel van Berkel** | VP Sugar Delta | The Netherlands

**Title: Taxonomic diversity of woody species from 6 agroforestry systems in two sites with a different agricultural development in Nicaragua**

**Willan J. Caicedo** | CATIE, ICRAF América Latina | Costa Rica

**Title: Bioethical analysis of anticipation: case of genetic screening**

**Souad Touzri Takari** | Higher Institute of Applied Studies in Humanity Zaghouan (ISEAHZ) | Tunisia

**Networking and Refreshment Break**

**Title: Signature pattern of gene expression and signaling pathway in premature diabetic patients uncover their correlation to early age coronary heart disease**

**Salma Ahmadloo** | Shahid Beheshti University | Iran

**Title: Novel intensified bioreactor by continuous product phase separating**

**Arjan Oudshoorn** | Delft Advanced Biorenewables | The Netherlands

**Title: Giant T-patterned purely informational strings and self-similarity from the RNA world to human mass-societies**

**Magnus S. Magnusson** | University of Iceland | Iceland

**Lunch**

**Title: Colistin resistant Acinetobacter baumannii in a tertiary care hospital of Pakistan: A retrospective single center study**

**Syed Bilal Tanvir** | Dar Al Uloom University Hospital | Saudi Arabia

**Title: Freeze-drying of 6-pentyl- $\alpha$ -pyrone produced by Trichoderma harzianum IOC4042 in solid state fermentation**

**Manoela Pessanha da Penha** | Federal University of Rio de Janeiro | Brazil

**Title: Maritime Environmental Policies In Nigeria: A Case Of Ocean Surges And Climigration**

**Okuku Ediang** | Nigerian Meteorological Agency Marine Division | Nigeria

**Young Researchers Forum**

**Title: Establishment of in vitro cultures of Picrolemma huberi and antiplasmodial activity of ethanol extracts**

**Rafael G. Pereira-Carvajal** | Universidad Nacional de Colombia | Colombia

**Title: Use of the rice husk for the biotechnological production of xylitol in a stirred tank bioreactor using yeast Candida guilliermondii ATCC 96745**

**Ximena Pinzón Zarate** | Universidad Nacional de Colombia | Colombia

**Title: New biopolymer and bio-nanocomposites based on alginates, lignin nanoparticles and starch nanocrystals as packaging films**

**Soumia aboul-hrouz** | Mascir Foundation | Morocco

**Networking and Refreshment Break**

**Poster Presentation**

**Title: Use of the rice husk for the biotechnological production of xylitol in a stirred tank bioreactor using yeast Candida guilliermondii ATCC 96745**

**Ximena Pinzón Zarate** | Universidad Nacional de Colombia | Medellín

**Title: Mitochondrial DNA structural variation sequencing from single cell (MitoSV-seq)**

**Elham Jaber** | University of Copenhagen | Denmark

**Title: Assessment of genetic diversity and inheritance studies for pre-harvest sprouting resistance in soybean**

**M K Sarma** | Assam Agricultural University | India

**Title: In silico designing and molecular cloning of flavanone-3-hydroxylase gene from Arabidopsis thaliana**

**Sunil L** | CSIR-Central Food Technological Research Institute | India

**Title: Probiotics in the Treatment of Mental Disorder**

**Ashish Gakkhar** | Maharshi Dayanand University | India

**Title: Advantages of Plant Extract In Skin Care Products**

**Deepika Bairagee** | Oriental University | India

**Title: Forensic botany and forensic chemistry working together: application of plant DNA barcoding as a complement to forensic chemistry—a case study in Brazil**

**Renato T.F. Paranaíba** | National Institute of Criminalistics | Brasil

**Day 3 | February 19, 2020**

**B2B & Networking**

**Award Distribution**

**Closing Ceremony**