

186<sup>th</sup> Conference  
**Scientific Federation**



The Sukosol Bangkok, 477 Thanon Si Ayutthaya, Khwaeng  
Thanon Phaya Thai, Khet Ratchathewi, Krung Thep Maha  
Nakhon 10400, Thailand

Scientific Program  
2<sup>nd</sup> Global Conference on  
**Plant Biology and Plant Science**  
&  
2<sup>nd</sup> International Summit on  
**Microbiology and Parasitology**

October 24-25, 2019 | Bangkok, Thailand



**Scientific Federation**  
Panjagutta, Hyderabad, Telangana-500082, India

## Day 1 October 24, 2019

### Main Hall

- 08:00-09:00 Registrations  
09:00-09:15 Introduction & Opening Words

### Plenary Forum

- 9:15-10:00 **Title: Molecular Mechanism of the Xanthophyll Cycle – Role of Non-Bilayer Lipids**  
Kazimierz Strzalka, Jagiellonian University, Poland
- 10:00-10:45 **Title: Effect of Cold Plasma on Growth, Development and Healthiness of Butterhead Lettuce**  
Dariusz Pańka, UTP University of Science and Technology, Poland

Refreshments Break 10:45-11:00 @ Foyer

### Keynote Forum

- 11:00-11:40 **Title: Plant Diversity in the Context of Climate Change**  
Ashfaque Ahmed, University of Dhaka, Bangladesh
- 11:40-12:20 **Title: Climate Change and Crop Productivity**  
Vernon Gracen, VG Genetics, INC., USA

### Oral Talks

**Sessions I**  
Plant Molecular Biology | Plant Physiology and Biochemistry | Plant Biology  
| Plant Biotechnology | Biodiversity and Evaluation of plants | Proteomics |  
Genomics and Bioinformatics | Plant Nutrition and Soil Sciences | Plant Science  
and Natural Products | Plant Nanotechnology | Plant Population Ecology |  
Medicinal and Aromatic Plant Sciences | Soil Nutrients

**Session Chair** Richard P. Dick, Ohio State University, USA

- 12:20-12:50 **Title: Optimized Shrub Intercropping in the Sahel: An Indigenous System that 'Bioirrigates' to Counter In-season Drought and Crop Water Stress**  
Dick Richard, Ohio State University, USA

12:50-12:55 **Group Photo**  
Lunch Break 12:55-14:00 @ Restaurant

### Plenary Forum

- 14:00-14:45 **Title: Innovation by the Incorporation of the End to End (E2E) Sterility Assurance Concept**  
Miguel Nigoures, Johnson & Johnson, USA
- 14:45-15:30 **Title: Ethnomedicine the Path to Novel Anti-Toxoplasma Gondii Drug Discovery and Development**  
Daniel A. Abugri, Tuskegee University, USA

### Keynote Forum

- 15:30-16:10 **Title: Human Diagnostic Clinical Microbiology Laboratories and One Health: What is the Significance of Animal Pathogens Recovered from Specimens from Humans?**  
Joseph Blondeau, University of Saskatchewan, Saskatoon, Canada

Refreshments Break 16:10-16:25 @ Foyer

### Oral Talks

**Sessions II**  
Bacteriology | Medical Microbiology | Pharmaceutical Microbiology | Industrial  
Microbiology | Microbial Biotechnology | Food Microbiology | Agricultural  
Microbiology | Veterinary Microbiology | Environmental Microbiology | Water  
Microbiology | Aero Microbiology | Biotechnology and Biochemistry | Medical  
Parasitology | Veterinary Parasitology

**Session Chair** Miguel Nigoures, Johnson & Johnson, USA

- 16:25-16:55 **Title: The Effects of Germination Temperatures and Incubation Time on Alpha - Amylase Activity in Finger Millet Malt**  
Oluyinka Mary Amos-Awonyi, University of Zululand, South Africa

- 16:55-17:25** **Title: A New Perspective on the Relationship between Entamoeba Histolytica and Enteropathogenic Bacteria: The Role of Queuine as a Nutritional Regulator of Entamoeba Histolytica Virulence**  
Serge Ankri, Faculty of Medicine-Technion, Israel
- 17:25-17:55** **Title: Recent Advances in Our Understanding of Rabies and the Current Status of Therapy of Human Disease**  
Alan C Jackson, University of Manitoba, Canada

## Day 2 October 25, 2019

### Main Hall

#### Oral Talks

#### Sessions I

Plant Tissue Culture | Plant Breeding | Bioinformatics In Plant Science | Plant Cell Biology | Plant Research | Evolution of plant defense proteins | Plant Diseases | Plant Pathology And Mycology | Forestry | Horticulture | Plant/Agriculture - Industrial Byproducts Entrepreneurs Investment B2B | Plant Morphology and Plant Metabolism | Plant Bioinformatics | Plant Reproduction | Plant Science - Growth and Investment | Plant Physiology and Plant Biochemistry

**Session Chair** Richard, P. Dick, Ohio State University, USA

- 09:30-10:00** **Title: The Effect of *PtROS1*-RNAi on DNA Methylation in Poplars**  
Ali Movahedi, Nanjing Forestry University, China
- 10:00-10:30** **Title: Karrikin from Plant-Derived Smoke Regulates Plant Development *In vivo* and *In vitro***  
Jan Kępczyński, University of Szczecin, Poland
- 10:30-11:00** **Title: Bioactivities in Feijoa Sellowiana Fruit, An Amazing Source for Anti-Cancer, Antibacterial, Antioxidant Molecules**  
Adriana Basile, University of Naples Federico II, Italy

Refreshments Break 11:00-11:15 @ Foyer

- 11:15-11:45** **Title: Drought-Induce Variation in Growth Rate, Dry Matter, Flavonoid and Phenolic Content of Soybean Cultivars**  
Shashank A. Tidke, Dayananda Sagar College of Engineering, India

#### Keynote Forum

- 11:45-12:25** **Title: Real Time Diagnostics in the Clinical Microbiology Laboratory: How Close are We?**  
Joseph Blondeau, University of Saskatchewan, Saskatoon, Canada

#### Oral Talks

#### Sessions II

Biotechnology and Biochemistry | Medical Parasitology | Veterinary Parasitology | Structural Parasitology | Quantitative Parasitology | Parasite Ecology | Conservation Biology of Parasites | Bio informatics | Genetic Engineering | Vaccines and Vaccinations | Microbial Genomics and Molecular Microbiology | Microbial Pathogenesis | Infections & Immunity | Cellular | Evolutionary and Generation Microbiology

**Session Chair** Miguel Nigoures, Johnson & Johnson, USA

- 12:25-12:55** **Title: miR-146a-5p Downregulation Represses Apoptosis of Spleen Cells via Upregulating BAG-1 During Echinococcus Multilocularis Infection**  
Yadong Zheng, Chinese Academy of Agricultural Sciences, China

Lunch Break 12:55-14:00 @ Restaurant

- 14:00-14:30** **Title: Morphological and Molecular Characterization of Ascaridia Galli Detected from Domestic Chickens in Bangladesh**  
Peru Gopal Biswas, Iwate University, Japan
- 14:30-15:00** **Title: Metabolite Profile of Marine-derived Endophytic Streptomyces Sundarbansensis by liquid Chromatography–Mass Spectrometry and Evaluation of Culture Conditions on Antibacterial Activity**  
Mouloud Kecha, University of Bejaia, Algeria

#### Poster Presentation

- P-001** **Title: Effect of Perennial Ryegrass (Lolium perenne L.) Endosymbionts on the Susceptibility of the Plants to Infection by Pathogenic Fusarium Culmorum**  
Dariusz Pańka, UTP University of Science and Technology, Poland

- P-002**      **Title: Antifungal, Antibacterial and Antioxidant Activity of Proteins from Feijoa Sellowiana Fruit**  
Adriana Basile, University of Naples Federico II, Italy
- P-003**      **Title: Introducing Two Novel Species of Parastagonospora (Phaeosphaeriaceae) from Grass Hosts: A Morphological and Phylogenetic Approach**  
Ishani Dilhara Goonasekara, Mae Fah Luang University, Thailand
- P-004**      **Title: Evaluating Benefits of Moringaoleifera as a Dietary Supplement**  
Anchala I. Kuruppu, Hettigoda industries, (Pvt) Ltd. Sri Lanka

End of the Conference

## Bookmark Your Dates

**3<sup>rd</sup> Global Conference on**

# Plant Biology and Plant Science

October 21-22, 2020 | Porto, Portugal

&

**3<sup>rd</sup> International Summit on**

# Microbiology and Parasitology

October 24-25, 2020 | Porto, Portugal