

161st Conference
Scientific Federation



HOLIDAY INN Prague Congress Centre Na Pankráci
15/1684, 140 21 Prague 4, Czech Republic



Scientific Program

2nd International Congress and Expo on **Agriculture & Horticulture**

August 12-13, 2019 | Prague, Czech Republic



Scientific Federation
Panjagutta, Hyderabad, Telangana-500082, India

Day 1 August 12, 2019

Ashton 3

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

Plenary Forum

- 09:15-09:55 **Title: Pesticide Residues in Food, Children's Health and Eco Functional Intensification**
Andre Leu, Regeneration International, Australia
- 09:55-10:35 **Title: Selection for Resistance to the Bird Cherry-Oat Aphid, Rhopalosiphum Padi, (BCOA) in Wheat**
Ali A Zarrabi, Oklahoma State University, USA
- 10:35-11:15 **Title: Development of Presence-Absence Sequential Sampling Programs for Insect Pests in Oklahoma Cropping Systems**
Tom A. Royer, Oklahoma State University, USA

Refreshments Break 11:15-11:30 @ Foyer

- 11:30-12:10 **Title: Walnut Propagation from Past to Present**
Stefan Gandev, Fruit Growing Institute, Bulgaria
- 12:10-12:50 **Title: Agricultural Furrow Salinity Technology as the Original Purpose Engineered Qanat-Karez-Falaj Aalt Leaching System Compared to the Modern Horticulture and Furrow Irrigated Fields Today**
David Bloch, Founder of MR Bloch Salt Archive, Israel

12:50-12:55

Group Photo

Lunch Break 12:55-14:00 @ Ashton 2

Keynote Forum

- 14:00-14:30 **Title: A Tool for the Production of Important Drugs for Human Welfare**
Hsin-Sheng Tsay, Chaoyang University of Technology, Taiwan
- 14:30-15:00 **Title: Enhanced Antimicrobial Effectivity of Essential Oil Nanoemulsion-Based Pesticide in Plant Protection Application**
Setyowati Retno Djiwanti, Indonesian Spice and Medicinal Crop Research Institute, Indonesia
- 15:00-15:30 **Title: Use of Aerobic Bioreactors to Utilize Solid Fish Waste in Aquaculture**
Nick Savidov, Lethbridge College, Canada
- 15:30-16:00 **Title: Pollination Vis-a-Vis Sustainable Food Production and Food Security in Developing Countries**
Raj Kumar Thakur, Dr Y S Parmar University of Horticulture and Forestry, India

Refreshments Break 16:00-16:15 @ Foyer

Oral Talks

Sessions Agricultural Engineering and Technology | Tissue Culture and Plant Biotechnology | Crop Protection | Awareness and Management | Beekeeping

Session Chair Raj Kumar Thakur, Dr Y S Parmar University of Horticulture and Forestry, India

Session Co-chair Usama Samy Fathy Mohamed Elkelany, National Research Centre, Egypt

- 16:15-16:40 **Title: KH_2PO_4 and Sucrose Affected *in Vitro* and *Ex-Vitro* Date Palm Plantlets cv Sakoty**
Rasmia Darwesh S.S, Agriculture Research Center, Egypt
- 16:40-17:05 **Title: Plant Regeneration from Mature Inflorescence of Date Palm by Using Moringa Extract**
Rasmia Darwesh S.S, Agriculture Research Center, Egypt
- 17:05-17:30 **Title: The "Nexus" Path to Sustainable Development**
Vasiliki Mantzaropoulou, Aristotle University of Thessaloniki, Greece

Closing the Conference for the Day 1

Day 2 August 13, 2019

Ashton 3

Oral Talk

Sessions Agronomy | Fertilizers & Pesticides | Seed Science | Crop Protection | Awareness and Management

Session Chair Nick Savidov, Lethbridge College, Canada

Session Co-chair Rasmia Darwesh S.S, Agriculture Research Center, Egypt

09:15-09:40 **Title: Establishment of Callus and Cell Suspension Culture of Fritillariacirrghosa: an in Vitro Approach for Isosteroidal Alkaloids Production**

Hung-Chi Chang, Chaoyang University of Technology, Taiwan

09:40-10:05 **Title: Factors Affecting Distribution of Predatory Ground Beetles in Different Crop Ecosystems of West Bengal, India**

C.R. Satpathi, Bidhan Chandra Krishi Viswavidyalaya, India

10:05-10:55 **Title: Milk Production in Cuba - The Situation at Present and Perspectives for Future Improvement**

Sarah Harder Bonde, Matias Gronvig, Copenhagen University, Denmark

10:55-11:20 **Title: Use of Alternative Methods to Chemical Pesticides for the Control of Stored Product Pests**

Jawad Ali Shah, Czech University of Life Sciences, Czech Republic

Refreshments Break 11:20-11:35 @ Foyer

11:35-12:00 **Title: Assessment of Photoperiod Cycles in the Algansea Lacustris Culture using Fuzzy Indicators**

César A. Hoil-Rosas, National Polytechnic Institute, México

12:00-12:25 **Title: Properties of Sorghum Seeds Cultivated in Poland for Nutritional and Energetic Purposes**

Jakub Frankowski, Institute of Natural Fibres and Medicinal Plants, Poland

12:25-12:50 **Title: Little Cherry Disease in the Czech Republic**

Hana Ludvikova, The Fruit Growers Union in the Czech Republic, Czech Republic

12:50-13:15 **Title: Comparative Potency of Some Resistance Inducers Against Root Knot Nematode Meloidogyne Incognita Infecting Tomato Plants Under Field Conditions**

Usama Samy Fathy Mohamed Elkelany, National Research Centre, Egypt

Lunch Break 13:15-14:00 @ Ashton 2

14:00-14:25 **Title: Nematode as Hidden Enemy and Hidden Friend Between Fighting and Enhancement Under Field Conditions of Egypt**

Hassan Mohamed Hassan, Minia University, Egypt

14:25-14:50 **Title: An Alternative and Strategic Methods for Controlling Some Viral Plant Diseases in Minia Governorate, Egypt**

Omar Ismail Saleh, Minia University, Egypt

14:50-15:15 **Title: Effect of Aloe Vera Gel (AVG) on Physico-Chemicals Properties and Quality Attributes of Guava (Psidium Guajava L.) cv. Gola During Storage Under Ambient Conditions**

Muhammad Azam, Institute of Horticultural Sciences, University of Agriculture, Pakistan

15:15-15:40 **Title: Fruit Growing in the Czech Republic**

Hana Ludvikova, The Fruit Growers Union in the Czech Republic, Czech Republic

15:40-16:05 **Title: Sugar Beet Growth Model, for Managing Optimal Water Consumption**

Javad Rezaei, Khorasan Razavi Agricultural and Natural Resources Research and Education Center, Iran

Panel Discussion

Poster Presentations

P-001 **Title: Influence of LED Light Spectra on Morphology of in Vitro Cultures and Plumbagin Content in Drosera Spatulata Labill**

Hung-Chi Chang, Chaoyang University of Technology, Taiwan

P-002 **Title: Plants for Future in the Climate Change Context**

Constantin Carmen Gabriela, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

- P-003** **Title: Effect of Coal Fly Ash on Early Growth Factors of Vigna Acontifolia L and Pennisetum Glaucum L**
Nitesh Joshi, Rizvi College of Arts Science and Commerce, India
- P-004** **Title: Effect of Fertilization with Selected Iron Chelates on the Yield of the Cucumber Cultivated in Rockwool**
Piotr Chohuraa, Wrocław University of Environmental and Life Sciences, Poland
- P-005** **Title: Arctic Char Furonculosis and New Possible Biological Treatments**
Stephan Jacquet, National Institute for Agronomic Research, France

End of the Conference

Bookmark Your Dates

4th International Conference and Expo on

Agriculture and Horticulture

August 10-11, 2020 | Atlanta, USA