

# *Scientific Program*

2<sup>nd</sup> International Conference on

## Plant Science & Physiology

June 26-27, 2017 Bangkok, Thailand



**Hosting Organization: Conference Series LLC**

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## Day 1 June 26, 2017

08:00-09:00 Registrations

Hall - Pailin 2

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09:00-09:30

## Opening Ceremony

### Keynote Forum

09:30-10:15 **Title: Understanding plant diversity and physiology for resilient production systems and environmental benefits**

**M Anowarul Islam**, University of Wyoming, USA

10:15-11:00 **Title: Bacterial spot (*Xanthomonas cucurbitae*): An emerging disease of cucurbits**

**Mohammad Babadoost**, University of Illinois, USA

### Group Photo

Networking and Refreshments Break: 11:00-11:20 @ PUBLIC Restaurant 1<sup>st</sup> Floor

11:20-12:05 **Title: Molecular characterization, epidemiology and integrated management of Papaya Ringspot Virus (PRSV) in Papaya (*Carica papaya* L.)**

**Nagaraju N**, University of Agricultural Sciences, India

### Sessions:

Plant Physiology | Plant Disease and Plant Pathogens | Plant and Agricultural Biotechnology | Traditional Medicine

Session Introduction

**Session Chair: M Anowarul Islam**, University of Wyoming, USA

**Session Co-chair: Rajeev Taggar**, Green World Genetics Sdn Bhd, Malaysia

12:05- 12:40 **Title: The application of plant biotechnology in seed industry in the developing countries**

**Rajeev Taggar**, Green World Genetics Sdn Bhd, Malaysia

12:40-13:15 **Title: Ethno-medicinal plant diversity of Bangladesh – Their conservation status at the botanical garden of Bangladesh Agricultural University**

**A K M Golam Sarwar**, Bangladesh Agricultural University, Bangladesh

Lunch Break: 13:15-14:15 @ PUBLIC Restaurant 1<sup>st</sup> Floor

14:15-14:50 **Title: Contribution of crops production for food security in Indonesia**

**Yusuf L Henuk**, University of Sumatera Utara, Indonesia

14:50-15:25 **Title: How wheat (*Triticum aestivum* L.) crop does respond to aerosols of oxidized and reduced nitrogen along with light regime, physiological drought and substratum types?**

**Bhagawan Bharali**, Assam Agricultural University, India

15:25-16:00 **Title: Description and analysis of phenotypic diversity in *Daucus* L. germplasm collection in Tunisia for species and subspecies identification**

**Najla Mezghani**, Banque Nationale de Genes, Tunisia

Networking and Refreshments Break: 16:00-16:20 @ PUBLIC Restaurant 1<sup>st</sup> Floor

16:20-16:55 **Title: A comprehensive study on ethno pharmacological antidiabetic potential of traditional medicinal plants of India**

**Elizabeth Margaret N J**, St. Ann's College for Women, India

16:55-17:30 **Title: Systems biology in tropical plant research**

**Roohaida Othman**, Universiti Kebangsaan Malaysia, Malaysia

17:30-18:05 **Title: Biochemical and functional characteristic of *Davidsonia pruriens* and *Davidsonia jerseyana* fruit tea**

**Nilesh Nirmal**, University of Queensland, Australia

### Panel Discussion

## Day 2 June 27, 2017

Hall - Pailin 2

### Keynote Forum

09:25-09:30 Introduction

09:30-10:15 **Title: RNA-Seq analysis reveals host plant transcriptomes in response to *Agrobacterium*-mediated transformation**

**Zhanyuan J Zhang**, University of Missouri, USA

10:15-11:00	<b>Title: Elucidating the true function of a sesquiterpene synthase from <i>Persicaria minor</i></b> <b>Roohaida Othman</b> , Universiti Kebangsaan Malaysia, Malaysia
Networking and Refreshments Break: 11:00-11:20 @ PUBLIC Restaurant 1 <sup>st</sup> Floor	
11:20-12:05	<b>Title: Medicinal plants used in traditional medicine and their roles - in Indonesia</b> <b>Yusuf L Henuk</b> , University of Sumatera Utara, Indonesia
Sessions: Traditional medicine   Plant Nutrition and Plant Hormones   Crop & Soil Science   Agriculture & Horticulture   Plant Genetics and Plant Genomics	
Session Introduction	
Session Chair: <b>Roohaida Othman</b> , Universiti Kebangsaan Malaysia, Malaysia	
Session Co-chair: <b>Nagaraju N</b> , University of Agricultural Sciences, India	
12:05-12:40	<b>Title: Bio-molecules induced resistance against <i>Cucumber mosaic virus</i> disease in Gherkins (<i>Cucumis anguria</i> L.)</b> <b>Nagaraju N</b> , University of Agricultural Sciences, India
Lunch Break: 12:40-13:40 @ PUBLIC Restaurant 1 <sup>st</sup> Floor	
13:40: 14:15	<b>Title: Legume adoption practices in the central great plains of USA for sustainable agricultural production in the face of climate change</b> <b>M Anowarul Islam</b> , University of Wyoming, USA
14:15-14:50	<b>Title: Reduce the rice crop duration using the concept of phytomer</b> <b>Bahman Amiri Larijani</b> , Agricultural Research, Education and Extension Organization, Iran
14:50-15:25	<b>Title: Alternative method of farming for sustainable agriculture and ecological security</b> <b>Kaustubha Nand Bhatt</b> , University of Allahabad, India
15:25-16:00	<b>Title: Impact of neem and pongamia oil formulation and plant extracts for the management of berry borers of organic coffee plants as part of coffee integrated pest management</b> <b>Anthony Samy M</b> , Saraswathi Narayanan College, India
16:00-16:35	<b>Title: Cell and tissue specific regulation of sodium homeostasis conferring salinity tolerance in rice</b> <b>Md Abdul Kader</b> , Bangladesh Agricultural University, Bangladesh
Networking and Refreshments Break: 16:35-16:55 @ PUBLIC Restaurant 1 <sup>st</sup> Floor	
Poster Presentations: 16:55-17:55 @ Pre-conference Hall	
Session Chair: <b>A K M Golam Sarwar</b> , Bangladesh Agricultural University, Bangladesh	
PSP 1	<b>Title: Effect of grain size and moisture content on dehulling and milling characteristics of sorghum (<i>Sorghum bicolor</i> L.)</b> <b>Youngho Yoon</b> , National Institute of Crop Science - RDA, South Korea
PSP 2	<b>Title: Simultaneous detection of the biological agents responsible for wheat rust diseases: <i>Puccinia triticina</i> and <i>Puccinia striiformis</i> f. sp. <i>tritici</i></b> <b>Anna Kot</b> , University of Life Sciences in Lublin, Poland
PSP 3	<b>Title: Effect of diquat dibromide on occurrence of Green Stem Syndrome (GSS) in soybean</b> <b>Jin Woo Bae</b> , National Institute of Crop Science - RDA, South Korea
PSP 4	<b>Title: Silver nanoparticles and silver ions: Oxidative stress responses and toxicity in potato (<i>Solanum tuberosum</i> L) grown <i>in vitro</i></b> <b>Ali Akbar Ehsanpour</b> , University of Isfahan, Iran
PSP 5	<b>Title: Differences of genomic and phenomic responses in resistant and susceptible rice varieties to bacterial leaf blight</b> <b>Yong Hoon Lee</b> , Chonbuk National University, South Korea
PSP 6	<b>Title: Effects of transient silencing of heat shock proteins on photosystem II efficiency during adaptation to salinity stress in plants</b> <b>Mansour Shariati</b> , University of Isfahan, Iran
PSP 7	<b>Title: Variability of yield components of adzuki bean (<i>Vigna angularis</i> (willd.) Ohwi &amp; Ohashi)) cultivars as affected by change of sowing time</b> <b>Jongsoo Ryu</b> , National Institute of Crop Science - RDA, South Korea
PSP 8	<b>Title: Virescens colour change and oil accumulation in correlation with ripeness in oil palm fruits</b> <b>Koo Ka Loo</b> , Sime Darby Plantation, Malaysia
Panel Discussion	
Awards & Closing Ceremony	