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Scientific Program

International Conference on

Plant Physiology & Pathology

June 09-10, 2016 Dallas, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 June 09, 2016

09:00-9:45 Registrations

Allen

conferenceseries.com **09:45-10:00** Opening Ceremony

Keynote Forum

10:00-10:05 Introduction

10:05-10:45 **Russel J Reiter**
UT Health Science Center, USA

Coffee Break 10:45-11:00 @ Foyer

11:00-11:40 **Deshpal S Verma**
Ohio State University, USA

Track 1: Plant Physiology and Plant Biochemistry
Track 2: Plant Pathology & Weed science
Track 3: Crop Production and Market analysis
Track 4: Agricultural science and agricultural biotechnology
Track 5: Medicinal Plants

Session Introduction

Session Chair: Russel J Reiter, UT Health Science Center, USA

Session Co-chair: Gaylon D Morgan, Texas A&M University, USA

11:45-12:15 **Summary of a multi-year soil-applied potassium trial in cotton**
Gaylon D Morgan, Texas A&M University, USA

12:15-12:45 **Discovery and engineering of terpenoid metabolism in medicinal plants and food crops : From chemical diversity to biotechnology applications**
Sibongile Mafu, University of California at Davis, USA

12:45-13:15 **Changes in the photosynthetic efficiency of sugarcane *(Saccharum sp.)* when fumigated with CO2 and O3**
Jacques Berner, North-West University, South Africa

Panel Discussion

Lunch Break 13:15-14:00 @ Waterfall Atriumt

14:00-14:30 **Overcoming plant defence mechanisms: Evolutionary arms race between plants and viruses**
Artem V Domashevskiy, The City University of New York, USA

14:30-15:00 **Phytoalexins and bifunctional fusion proteins for plant protection**
Caspar Langenbach, RWTH Aachen University, Germany

15:00-15:30 **Biodeterioration of chimical constituents of some indigenous herbal drugs due to fungi**
Shubhash Deokule, Savitribai Phule Pune University, India

15:30-16:00 **Synergistic effects of arbuscular mycorrhizal fungi and rhizobium on plant growth, yield and resistance to charcoal rot of green gram *[Vigna radiata (l.)* wilczek**
B N Reddy, University College for Women, India

Panel Discussion

Coffee Break and Poster Session 16:00-16:30

16:30-17:00	**Evaluation of the nutritional potential and gc-ms analysis of *Acmella Paniculata* (wall. ex dc.) R.K Jansen from Arunachal Pradesh (Eastern Himalayas)** **Pallabi Kalita,** National Institute of Technology, India
17:00-17:30	**Stem anatomy of three *Chrysophylum* species (sapotaceae) and their relevance for taxonomy (systematic botany)** **Mbagwu Ferdinand,** Imo State University, Nigeria

Poster Sessions will be started from 16:00-16:30

PP-01	**Effect of substrates on plant transpiration rate under several vapour pressure deficit (VPD) level** **Md Rais Uddin,** University of Hohenheim, Germany
PP-02	**Indirect detection of ratoon stunting disease in sugar cane** **Amalia Berna,** Commonwealth Scientific and Industrial Research Organisation, Australia
PP-03	**Effects of seedling age and mechanical wounding of roots on the interaction between Macrophomina phaseolina and *Meloidogyne javanica* on green beans** **S N Al-Nadhari,** King Saud University, Saudi Arabia
PP-04	***Brachypodium distachyon* is a suitable host plant for study of Barley yellow dwarf virus** **Nadege Soumou Wansim,** Northwest A&F University, China
PP-05	**Water deficit modify phenotypes of transgenic maize overexpressing ABP9 in the field** **Javed Hussain Umrani,** Chinese Academy of Agricultural Sciences, China

Day 2 June 10, 2016

Allen

Keynote Forum

9:30-10:10	**Systems level analysis of abiotic stress response and plant productivity** **Andy Pereira,** University of Arkansas, USA
10:10-10:50	**New horizon in plant science** **Shubhash Deokule,** Savitribai Phule Pune University, India

Coffee Break @ 10:50-11:05

11:05-11:45	**Disease outbreaks due to mycotoxin poisoning in developing countries: risks and challenges of food safety management** **B N Reddy,** Osmania University, India

Panel Discussion

Track 6: Plant Ecology & Agro- diversity
Track 7: Plant Biotechnology and Tissue culture
Track 8: Plant Genetics and molecular biology of plant
Track 9: Phytochemicals
Track 10: Mycology & Phycology

Session Introduction: 11:45-11:50

Session Chair: Deshpal S Verma, Ohio State university, USA

Session Co-chair: Andy Pereira, University of Arkansas, USA

11:50-12:20	**Phytomelatonin: Helping plants to survive and to thrive** **Russel J Reiter,** UT Health Science Center, USA
12:20-12:50	**Building of cell plate during cytokinesis in plant cell** **Deshpal S Verma,** Ohio State University, USA

Panel Discussion

Lunch Break: 12:50-13:30 @ Waterfall Atrium

13:30-14:00 **Regulation of the lignocellulose pathway in rice as a model for grasses**

Andy Pereira, University of Arkansas, USA

14:00-14:30 **Engineering nitrogen use efficiency in wheat with improved seedling root growth and post-anthesis nitrogen uptake**

Xueqiang Zhao, Chinese Academy of Sciences, China

14:30-15:00 **Biodiversity of wild food and medicinal plants of Eastern Himalayas**

Hui Tag, Mississippi State University, USA

15:00-15:30 **Tissue Culture Studies In *Spilanthes acmella* Murr-An Important Medicinal Plant**

A Sabita Rani, University College for Women, India

Young Researche Forum

15:30-15:50 ***In vitro* screening of salt tolerant genotypes in tomato *(Solanum lycopersicum L.)***

Md Rais Uddin, University of Hohenheim, Germany

15:50-16:10 **Performance of chlorophyll fluorescence to drought stress tolerance in different constructs of transgenic maize**

Javed Hussain Umrani, Chinese Academy of Agricultural Sciences, China

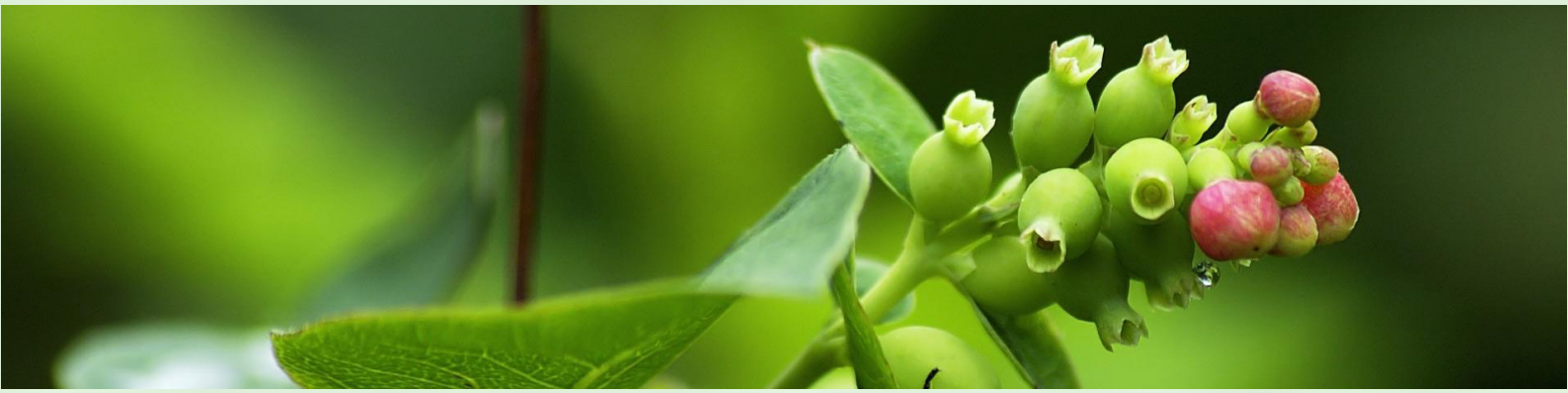
16:10-16:30 **Comparative efficacy of different approaches to managing *Meloidogyne incognita* on green bean**

S N Al-Nadhari, King Saud University, Saudi Arabia

Panel Discussion

Coffee Break: 16:30-16:50 @ Foyer

Award Ceremony



Bookmark your dates

2nd International Conference on

Plant Physiology & Pathology

July 24-26, 2017 Chicago, USA

Website: http://plantphysiology.conferenceseries.com

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