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*Scientific Program*

12th International Conference on

# Agriculture and Horticulture

**July 09-10, 2018 | Sydney, Australia**



**Hosting Organization: Conference Series LLC LTD**
47 Churchfield Road, London, W3 6AY
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## Day 1 July 09, 2018

**08:00-09:00** Registrations

**Museum**

conferenceseries.com **09:00-09:20** Opening Ceremony

## Keynote Forum

**09:20-09:30** Introduction

**09:30-10:10** Title: Selecting grain legume genotypes with resistance to ashy stem blight by the cut-stem method

**Diego M Viteri,** University of Puerto Rico, USA

Networking & Refreshment Break:10:10-10:30 @ Foyer/ Pre-Function Area

**Group Photo**

Session: Agronomy & Crop Science | Agricultural Production Systems & Agribusiness | Agricultural Biotechnology | Agriculture & Food Security

Session Introduction

Session Chair: **Eunyoung Choi,** Korea National Open University, South Korea

**10:30-11:00** Title: Economically viable aquaponics: Mapping the gap between promising potential and current uncertainties

**Asael Greenfeld,** Curtin University, Australia

**11:00-11:30** Title: Characterization of R-QTL for *Ascochyta lentis* resistance in lentil and identification of candidate defense-transcripts

**Mahsa Khorramdelazad,** Griffith University, Australia

**11:30-12:00** Title: Yield potential of promising sugarcane lines/varieties in response to whip smut

**Zaheer Ahmad Nazar,** University of the Punjab, Pakistan

**12:00-12:30** Title: Effectiveness of dissemination methods and factors that influence farmer adoption to citrus gerga lebong technology in Bengkulu, Indonesia

**Umi Pudji Astuti,** Yogyakarta Assessment Institute of Agriculture Technology, Indonesia

**12:30-13:00** Title: In silico approaches for structure and function analysis of calcium-dependent protein kinases (CDPKs) in potato (*Solanum tuberosum L.*)

**Gurpreet Kaur,** Thapar Institute of Engineering and Technology, India

Lunch Break 13:00-14:00 @ Four Element Restaurant – Level 1

Session: Plant Science | Agriculture and Environment | Food & Nutrients

Session Introduction

Session Chair: **Diego M Viteri,** University of Puerto Rico, USA

**14:00-14:30** Title: Optimization of surface sterilization protocol and induction of axillary shoots regeneration in *Datura metel L.*

**Rashmi Boruah,** Assam Agricultural University, India

**14:30-15:00** Title: Modeling of biomass-based leaf morphological parameters on main stem for rapeseed (*Brassica napus L.*)

**Wenyu Zhang,** Jiangsu Academy of Agricultural Sciences, China

**15:00-15:30** Title: The combination of land resource evaluation approach and GIS application to determine prime commodities for agricultural land use planning at developed area: A case study of Central Kalimantan province, Indonesia

**Andy Bhermana,** Assessment Institute for Agricultural Technology, Indonesia

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| 15:30-16:00 | **Title: Analysis performance of the Warehouse Receipt System (WRS) to support agricultural marketing in Indonesia**<br>**Endro Gunawan,** Indonesian Agency for Agricultural Research and Development, Indonesia |
| | Networking & Refreshment Break:16:00-16:20 @ Foyer/ Pre-Function Area |
| 16:20-16:50 | **Title: Superiority of Japanese taro (Satoimo) (*Colocasia esculenta var. antiquorum*) as germplasm in Indonesia**<br>**Heni Purwaningsih,** Yogyakarta Assessment Institute of Agriculture Technology, Indonesia |
| 16:50-17:20 | **Title: ENSO effect on production of rambutan (*Nephelium lappaceum L.*) in Indonesia**<br>**Sarvina Yeli,** Indonesian Agency of Agricultural Research and Development, Indonesia |
| | **Poster Presentations @ 17:20-17:50** |
| AS-001 | **Title: Efficacy of biological agents and synthetic insecticides to control fall armyworm larvae**<br>**Diego M Viteri,** University of Puerto Rico, USA |
| AS-002 | **Title: Evaluation of durable blast resistance of Korean rice cultivars with nursery test**<br>**Roh J H,** National Institute of Crop Science, South Korea |
| AS-003 | **Title: Changes of leaf morphology and growth of Spinacia oleracea grown under different light-emitting diodes**<br>**Eunyoung Choi,** Korea National Open University, South Korea |
| AS-004 | **Title: Leaf shape, ascorbic acid content and plant growth of Spinacia oleracea grown under different light-emitting diodes and ultraviolet radiation (UV-A) light in plant factory**<br>**Eunyoung Choi,** Korea National Open University, South Korea |
| AS-005 | **Title: Evolution of Romania' organic farming versus European Union's organic farming**<br>**Dumitrescu Carmen Simona,** Banat's University of Agricultural Sciences and Veterinary Medicine Timisoara, Romania |
| | Poster Presentation & Panel Discussion |
| | **Awards & Closing Ceremony** |

**Day 2 July 10, 2018**

Networking & Lunch 12:30-13:30 @ Four Element Restaurant – Level 1

