Meetings International

3rd World Plant Genomics and Plant Science Congress

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4th World Mycology and Mushroom Congress

July 15-16, 2019 | Osaka, Japan

July 15, 2019 | **Conference Agenda** | **Day 1**

Conference Hall: Hall 7

09:00-09:30 Registrations

09:30-10:00 Introduction by Moderator

10:00-10:15 Exhibitors brand advertising

10:15-10:55

Keynote Forum

Title: Potential used of duckweed as an alternative protein source for human and animal nutrition

Yusuf Leonard Henuk, University of Sumatera Utara, Indonesia

10:55-11:35

Title: Study of hop stunt viroid – Making of hop stunt viroid -free hop plants using apical meristem culture and ultrastructure of hop stunt viroid

Takayuki Momma, Iwate University, Japan

Networking & Refreshment Break 11:35-11:50 @ Foyer

11:50-12:30

Keynote Forum

Title: Integrated molecular and morphological characterization of *Daucus* in Tunisia

Najla Mezghani, National Gene Bank of Tunisia, Tunisia

Group Photo 12:30-12:45

Oral Session I:
Plant Genome Science | Agricultural Science | Plant Proteomics and Plant Science | Molecular Plant Breeding | Stress Signalling in Plants

Session Chair: **Takayuki Momma**, Iwate University, Japan
Session Chair: **Yusuf Leonard Henuk**, University of Sumatera Utara, Indonesia

12:45-13:05

Title: Elucidation of Arabidopsis cyclic nucleotide-gated channels contributing to heavy metal accumulation in plants

Ryoung Shin, RIKEN Center for Sustainable Resource Science, Japan

Lunch: 13:05-14:10 @ Hall-8

14:10-14:30

Title: Setaria viridis: A model system for gene discovery and engineering in the grasses

Thomas P Brutnell, Viridis Genomics Consulting, USA

14:30-14:50	**Title: Natural variation and selection for contrasting N-use efficient eggplant genotypes by key morpho-physiological traits** **Maria Rosa Abenavoli**, Mediterranean University of Reggio Calabria, Italy
14:50-15:10	**Title: Highlighting differential expressed genes and metabolites related to N-pathway in eggplants** **Francesco Sunseri**, Mediterranean University of Reggio Calabria, Italy
15:10-15:40	**Title: Quantitative trait loci (qtl) associated with resistance to *Fusarium oxysporum* f. sp. cubense race 1 in bananas (*Musa spp.*)** **Ivan Kabiita Arinaitwe**, University of Malaya, Malaysia **and Mustafa A N AL-Fayyadh**, Eskisehir Technical University, Turkey
15:40-16:00	**Title: Recent achievements in sunflower molecular breeding** **Yalcin Kaya**, Trakya University, Turkey

Networking & Refreshment Break 16:00-16:20 @ Foyer

16:20-16:40	**Title: Induction of nodulation signals in common bean, *Phaseolus valgaris* by different soil growth media** **Paul Njiruh Nthakanio**, University of Embu, Kenya
16:40-17:00	**Title: Antiviral resistance genes from abaca (*Musa textilis nee*) Bc2 hybrid: transcriptome responses that mediate innate Immunity against *Abaca* bunchy top virus (abtv)** **Geraldine P Muncada**, University of Eastern Philippines, Philippines
17:00-17:20	**Title: De Novo sequencing and hybrid assembly of biofuel crop *Jatropha curcas L*: Insights on gene annotation, comparative genomics and transcriptome analysis with identification of quantitative trait loci for geminivirus resistance** **Nagesh Kancharla**, Reliance Industries Limited, India

Session Adjournment

July 16, 2019 **Conference Agenda** **Day 2**

09:45-10:00	**Introduction**
10:00-10:40	**Keynote Forum** **Title: Combating abiotic stress through changing gene expression** **Wilson Boardman**, Micromix Plant Health Limited, UK

10:40-11:20

Title: Plant priming for improved growth and stress protection under climate change conditions
Vasileios Fotopoulos, Cyprus University of Technology, Cyprus

11:20-12:00

Title: Novel genome editing technology aids faster improvement of agricultural crops
Anindya Bandyopadhyay, Syngenta, China

Networking & Refreshments 12:00-12:20 @ Foyer

Oral Session II:
Plant Nutritional Genomics | Crop Improvement and Plant Virology | Plant Genome Science | Plant Genetics and Genomics Market | Plant Biotechnology

Session Chair: **Wilson Boardman**, Micromix Plant Health Limited, UK
Session Chair: **Vasileios Fotopoulos**, Cyprus University of Technology, Cyprus

12:20-12:40

Title: To taste or not to taste: that is the question! innovative approaches and instruments for tomato breeding
Alice Brunazzi, ISI Sementi, Italy

12:40-13:00

Title: Population structure of tomato and eggplant germplasm based on single primer enrichment genotyping
Sergio Lanteri, University of Turin, Italy

Lunch 13:00-14:00 @ Hall-6

14:00-14:20

Title: Can reducing stomatal density in rice mitigate the effects of climate change?
Robert Caine, The University of Sheffield, UK

14:20-14:40

Title: The use of next generation sequencing to study biotic stress on sugar beet
Abdelnaser Elashry, Strube Research GmbH, Germany

Oral Session III:
Fungal Diversity | Applied Mycology | Antifungal Drug | Fungal Interactions | Lichens and Mycorrhizae

Session Chair: **Nadia Jabeen**, Hazara University, Pakistan

14:40-15:00

Title: Fungal spawn preparation and its cultivation for the making of mycofilters to remediate heavy metals and pathogenic bacteria from wastewater
Chandan Maurya, Dayalbagh Educational Institute, India

15:00-15:20

Title: Mycelium growth, yielding, and fruiting body production of Yanangi mushroom (*Agrocybe cylindracea*) on different substrate packing under with evaporation-cooling system
Thidaporn Theunpao, KMUTT, Thailand

15:20-15:40

Title: Prevalence of Macrofungi belonging to Agaricales of Basidiomycota from District Mansehra Khyber Pakhtun Khawa, Pakistan
Nadia Jabeen, Hazara University, Pakistan

15:40-16:00

Title: A new polyporus macrofungi parasite from Tanzania elucidated using four gene datasets
Donatha D. Tibuhwa, University of Dar es Salaam, Tanzania

Poster Presentations

PG & M-01

Title: Genetic diversity of Omani date palm (*Phoenix dactylifera L.*) cultivars and its relationships with 'exotic' cultivars using SSR markers
Al-Ghaliya H Al-Mamari, Ministry of Agriculture & Fisheries, Sultanate of Oman

PG & M-02

Title: Establishing a high-throughput phenotyping method for quantifying traits of interest using NAM rice population
Rym Feikh, Kobe University, Japan

PG & M-03

Title: Integration of mRNA-Seq analysis and QTL mapping provides promising candidate genes for cadmium tolerance in barley
Behnam Derakhshani, National Agriculture and Food Research Organization, Japan

Conference Adjournment

