

Webinar Program

Plant Science

Virtual 2020 -2nd Edition

September 10-11, 2020

12:00-12:10

Introduction

Keynote Presentations

Webinar

Speakers

Time Zone

Time Zone

12:10-12:50

14:10-14:50

Title: Overregulation of GM crops is too expensive, delays approvals and harms research

Klaus Ammann, University of Bern, Switzerland

12:50-13:30

10:20-11:00

Title: Property of Agriculture and Agri-Food Canada, Government of Canada

Samir C Debnath, Agriculture and Agri-Food Canada, Canada

Oral Presentations

13:30-13:50

21:30-21:50

Title: Nitric oxide and reactive oxygen species regulation of NADPH oxidase for the high light induction of autophagy in *Chlamydomonas reinhardtii*

Tse-Min Lee, National Sun Yat-sen University, Taiwan

13:50-14:10

10:50-11:10

Title: Food production x irrigation x natural resources in Brazil: Successful case and challenges for environmental sustainability

Danilo Jose Fanelli Luchiari, GTACC, Brazil

14:10-14:30

16:10-16:30

Title: Estimation of genetic parameters of a *Miscanthus sinensis* population: A staggered-start design highlights a greater effect for climate than age

Raphael Raverdy, INRAE AgrolImpact, France

14:30-14:50

16:30-16:50

Title: Metabolism and ROS dynamics are differentially regulated by γ -aminobutyric acid in a concentration dependent manner to induce immunity against *B. cinerea* in *Arabidopsi*

Henry Christopher Janse van Rensburg, KU Leuven, Belgium

14:50-15:10

17:50-18:10

Title: Recombinase polymerase amplification coupled with lateral flow tests for high sensitive detection of potato pathogens

Safenkova Irina, A.N. Bach Institute of Biochemistry, Russia

15:10-15:30 20:40-21:00 Title: Disease suppressive native strains of *Trichoderma* spp., their low cost effective mass multiplication on agro-waste substrates and shelf life enhancement on antioxidant crops

Sunita Chandel, University of Horticulture and Forestry, India

15:30-15:50 18:30-18:50 Title: Physiological and biochemical characterization of GABA shunt pathway in Pea (*Pisum sativum* L.) seedlings under drought stress

Nisreen A. AL-Quraan, Jordan University of Science and Technology, Jordan

15:50-16:10

Break

16:10-16:30 21:40-22:00 Title: Differential expression pattern for C4 specific gene copies in rice grains and its relevance with the intermediate step in the C4 evolution

Parimalan Rangan, ICAR-National Bureau of Plant Genetic Resources, India

16:30-16:50 22:00-22:20 Title: Engineering defense response in plants through miRNA mediated suppression of regulatory factors

Raj Kumar Joshi, Rama Devi Women's University, India

16:50-17:10 13:50-14:10 Title: Ethylene alone may play a key role in modulating induction of isoflavonoids, an important defense against herbivore insects in field-grown soybean

Jorge A. Zavala, Universidad de Buenos Aires, Buenos Aires-CONICET, Argentina

17:10-17:30 22:40-23:00 Title: Assessment of aphrodisiac activity of *Bryonia laciniosa* and its ameliorative potential against chemically induced reproductive toxicity in male Wistar rats

Ranjeeta Mourya, Indian Veterinary Research Institute, India

17:30-17:50 23:00-23:20 Title: Invertase inhibitors: A novel target for regulation of sucrose yield and quality in sugarcane

Suresha Giriyapura Shivalingamurthy, ICAR-Sugarcane Breeding Institute, India

17:50-18:10 23:20-23:40 Title: Culture induced phenotype and methods to harden micropropagated plants

B N Hazarika, Central Agricultural University, India

■ Poster Presentations

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| 18:10-18:20 | 20:10-20:20 | Title: Genome-wide association study on salt tolerance in rice at seedling stage under moderate salinity

Phan Thi Hong Nhung , Univesite catholique de Louvain, Belgium |
| 18:20-18:30 | 13:20-13:30 | Title: Sorghum as a forage alternative in semi-arid regions of Northern Mexico

Juan Leonardo Rocha Valdez , Universidad Autonoma Agraria Antonio Narro, Mexico |
| 18:30-18:40 | 13:30-13:40 | Title: Alfalfa production (<i>Medicago sativa L.</i>) fertilizing the soil with organic sources based on vermicompost

Rafael Avila Cisneros , Antonio Narro Autonomous Agrarian University, Mexico |
| 18:40-18:50 | 13:40-13:50 | Title: Six sigma an option in bean production in Northern Mexico

Juan Leonardo Rocha Quinones , Universidad Autonoma Agraria Antonio Narro, Mexico |
| 18:50-19:00 | 20:50-21:00 | Title: Metabolomic changes in overweight and obese people associated to the seasonality of plant-based products consumption

Lucia Gayoso , BCC Innovation Basque Culinary Center, Spain |
| 19:00-19:10 | 21:00-21:10 | Title: Epidemiology and control of emerging viruses in protected horticulture

Leticia Ruiz Garcia , IFAPA Centro La Mojonera, Spain |

END OF DAY 1

Keynote Presentations

Webinar Time Zone	Speakers Time Zone	
12:00-12:40	13:00-13:40	<p>Title: Green technology and agriculture-Food science mechanization sustainability: The global CSR perspectives</p> <p>Ezendu Ariwa, University of Wales Trinity Saint David, United Kingdom</p>

Oral Presentations

12:40-13:00	14:40-15:00	<p>Title: Therapeutic ketosis and the broad field of applications for the ketogenic diet: Ketone ester applications & clinical updates</p> <p>Raffaele Pilla, G.d'Annunzio University, Italy</p>
13:00-13:20	10:00-10:20	<p>Title: Importance of understand foods and water energy in prevention of hospital infection and treatment of all kinds of diseases</p> <p>Huang Wei Ling, Medical Acupuncture and Pain Management Clinic, Brazil</p>
13:20-13:40	10:20-10:40	<p>Title: Could your eating habits be affecting your sleep and how can we treat it without using drugs?</p> <p>Huang Wei Ling, Medical Acupuncture and Pain Management Clinic, Brazil</p>
13:40-14:00	22:40-23:00	<p>Title: Analysis and prediction method for core temperature during heat sterilization of packaged foods with ATS program</p> <p>Shoichi Inaba, Packaging and Heat Sterilization of Toto Institute of Food Technology, Japan</p>
14:00-14:20	21:00-21:20	<p>Title : The possibility in prediction of nutritive value of forage crop by ground plant density</p> <p>Sarayut Thaikua, Department of Livestock Development, Thailand</p>
14:20-14:40	16:20-16:40	<p>Title: <i>Saccharomyces cerevisiae</i> and <i>Hanseniaspora osmophila</i> with probiotic potential</p> <p>Pilar Fernandez-Pacheco Rodríguez, University of Castilla-La Mancha, Spain</p>

14:40-15:00	15:40-16:00	Title: Embracing the Next-Gen technology in food industry Daniela Silva , ALS Controlvet, Portugal
15:00-15:20	17:00-17:20	Title: <i>Oleuropein aglycone</i> as amyloid β fibrils disruptor: Insight into the mechanism of action of this polyphenol from extra virgin olive oil Simone Brogi , University of Pisa, Italy
15:20-15:40	20:50-21:10	Title: 'Sedentary Behaviour' A concern In obese Omani women (Age 30-49 Years): A cross-sectional study Monika Seth , Banasthali Vidyapith, India
15:40-16:00	22:40-23:00	Title: The potential of legumes as a source of phytoestrogen in animal feed to improve population: Cow as a model Abyadul Fitriyah , Universitas Nahdlatul Wathan Mataram, Indonesia

16:00-16:20

Break

16:20-16:40	19:20-19:40	Title: Anti-Diabetic effects of the medicinal plants guava and papaya leaves extracts Ninsiima Jolly , Duksung Womens' University, Uganda
16:40-17:00	13:40-14:00	Title: Canned cherries made with lactitol: An alternative to reduce its caloric value Mariela Maldonado , CONICET- UTN FRM, Argentina
17:00-17:20	17:00-17:20	Title: Utilisation of the household food insecurity access scale to assess food insecurity and its determinants In central river region South, The Gambia Wuyeh Drammeh , Ministry of Health and Social Welfare, Gambia

■ Poster Presentations

17:20-17:30	10:20-10:30	Title: The influence of prenatal inflammation on postnatal maternal and infant behavior Nora Kearns , University of Oregon, United States
17:30-17:40	19:30-19:40	Title: Methylene and non-hydrogen-bonded carbonyl C=O groups in maillard reaction after conventional convective cooking and microwave cooking of bovine meat Emanuele Calabro , University of Messina, Italy

17:40-17:50	20:40-20:50	Title: Examining saudi students perception on snacks healthiness and preferences in Umm AlQura University Heba Althubaiti , Umm Al-Qura University, Saudi Arabia
17:50-18:00	19:50-20:00	Title: Safety evaluation of yeasts with probiotic potential Pilar Fernandez-Pacheco Rodriguez , University of Castilla-La Mancha, Spain
18:00-18:10	20:00-20:10	Title: Morphological characterization of <i>Vigna unguiculate</i> (L.) Walp Maidier Zugazua Ganado , BCC Innovation Basque Culinary Center, Spain
18:10-18:20	20:10-20:20	Title: Effect of Sodium bicarbonate and soaked time on the texture properties of cowpea beans Shuyana Deba Rementeria , BCC Innovation Basque Culinary Center, Spain
18:20-18:30	21:20-21:30	Title: Organic honey – Transfer of chemical elements Irina Karadjova , University of Sofia “St. Kliment Ohridski”, Bulgaria
18:30-18:40	21:30-21:40	Title: Honey – Chemical elements bioaccessibility Irina Karadjova , University of Sofia “St. Kliment Ohridski”, Bulgaria
18:40-18:50	20:40-20:50	Title: Sugars dynamics during fermentation of kombucha black tea Paula Toran Pereg , BCC Innovation Basque Culinary Center, Spain
18:50-19:00	20:50-21:00	Title: Fish waste revalorization using fermentation techniques Blanca del Noval , BCC Innovation Basque Culinary Center, Spain

Closing Ceremony

Upcoming Webinar:

Plant Biology Virtual 2020 | November 11-12, 2020



Contact

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