

9TH EDITION OF
GLOBAL CONFERENCE ON

PLANT SCIENCE AND MOLECULAR BIOLOGY

*Roots to Shoots: Unveiling the Hidden
Potential of Plant Life*



Our OCMs



RAJNISH KHANNA
Carnegie Institution for Science at
Stanford University, and i-Cultiver,
Inc., United States



HIT KISHORE GOSWAMI
Barkatullah University,
India



**VIJAYAN GURUMURTHY
IYER**
Bihar Institute of Public
Administration & Rural
Development (BIPARD) India

Scientific TOPICS

- Plant Biotechnology
- Plant and Environment
- Phytochemical Analysis
- Microbiology and Phycology
- Plant Sciences and Research
- Plant Pathology and Mycology
- Plant Nutrition and Soil Sciences
- Bryology and Pteridology
- Plant Anatomy and Morphology
- Plant Science: Antibodies, Antigens and Antibiotics
- Plant Metabolic Engineering
- Plant Hormones
- Plant Genetics and Genomics
- Plant Tissue Culture
- Plant Neurobiology
- Sensing and Signalling in Plant Stress Response
- Forest Science and Silviculture
- Horticulture and Floriculture



16-18
SEP 2024



Rome, Italy

Hybrid Event



Contact us: Email: plant-science@magnusconference.com | Website: <https://plant-science-biology-conferences.magnusgroup.org/>

Phone: +1 (702) 988-2320 | **Whatsapp:** +1 (779) 429-2143

TENTATIVE PROGRAM

Keynote Presentations

Rajnish Khanna

Carnegie Institution for Science at
Stanford University, and i-Cultiver, Inc.,
United States

Title: Mind the gaps between innovation and impact: Critical research to validate product claims for the future of a productive, nutritious, and globally sustainable food system.

Hit Kishore Goswami

Barkatullah University, India

Title: Modern taxonomic assessments should be based on poly-trait diagnostic approach, rather than only on molecular investigations

Vijayan Gurumurthy Iyer

Bihar Institute of Public Administration &
Rural Development (BIPARD) India

Title: Importance of Plant Science and Molecular Biology for the Sustainable Seed-Cotton (Or kapas) Development

Oral Presentations

Avilash Singh Yadav

Cornell University, United States

Title: Growth directions and stiffness across cell layers determine whether tissues stay smooth or buckle

Bahareh Sadat Haddadi

Aberystwyth University, United Kingdom

Title: Metabolite and transcriptome profiling reveals drought adaptive strategies in the orphan African cereal, Tef (*Eragrostis tef*)

Kakha Nadiradze

Association for Farmers Rights Defense,
AFRD, Georgia

Title: Plants biotic and abiotic stress in terms of climate change

Monia Anzooman

The University of Queensland, Australia

Title: Enhancing crop tolerance in sodic soils: Insights from wheat genotype responses

Dalila Trupiano

University of Molise, Italy

Title: Shoot and Root Omics Signature in Phytostabilization and Hyperaccumulation Model Plants

Leticia Povilauskas

Universidad Nacional de La Plata,
Argentina

Title: Diatomological analysis in cases of death by submersion

Ana P.G.C. Marques

CBQF/ESB-UCP, Portugal

Title: What is the part of the microorganisms living in the rhizosphere of plants in reducing hazardousness in phytoremediation strategies for soils contaminated with toxic metals?

Rahil Ummar Faruk Abbu

Manipal Institute of Technology, India

Title: Evaluation of telomerase inhibiting phytochemicals isolated from *Blumea eriantha* for cancer treatment

Audrey Le veve

Charles University, Prague,
Czech Republic

Title: Implication of the population epigenomic diversity on the adaptation of a plant clonal species

Jatin Kumar

Central University of Punjab, India

Title: Epiphytic fungi associated with seaweeds, their economical importance and future prospects

TENTATIVE PROGRAM

A P Lipton Malankara Catholic College, India	Title: Marine angiosperms as potential sources for symbiotic bacteria and phytochemical leads for controlling common storage pests and mosquito larvae with special reference to tropical sea grasses <i>halodule pinifolia</i> and <i>Syringodium isoetifolium</i> .
Yasmin Shameem UAE University, United Arab Emirates	Title: Grey water as a potential, energy efficient solution for diverse water requirements of the UAE: Insights from research involving grey water for irrigating selected fodder crops of the UAE.
Resmi L University of Calicut, India	Title: Assessment of genetic diversity in banana cultivars from India
Amal Ghosh Indian Agricultural Research Institute (Indian Council of Agricultural Research), India	Title: Conservation agriculture for sustainable production in the maize-wheat system -- towards future commitment to the global food basket
Shulabhi Verma Sardarkrushinagar Dantiwada Agricultural University, India	Title: Changes Induced by <i>Macrophomina phaseolina</i> in the protein profile of castor
Durlave Roy Bangladesh Open University, Bangladesh	Title: Studies on the use of locally available (Coxs Bazar and Saint Martin) renewable seaweed wastes as compost organic fertilizer resources
Emmanuelah Lekete Lawson Council For Scientific and industrial research (CSIR), Ghana	Title: Implementation of artificial inoculation test to screen Ghana sumatra oil palm progenies for their level of resistance/ tolerance to Basal Stem Rot (BSR) disease
Rahul Chillawar Yeshwant Mahavidyalaya Nanded Department of Botany, India	Title: Identification phytochemical investigation and ethanobotanical study of <i>Vitex negundo</i> L.
Madhu Raina University of Delhi, India	Title: Post-zygotic self-incompatibility in <i>Kigelia pinnata</i> (Jacq.) DC. (Bignoniaceae)
V.Duraipandiyar Loyola College, Chennai, India	Title: Plant molecules used as mosquitoecidal agent
Amrit Bharti Panjab University, India	Title: Arbuscular Mycorrhiza and Salicylic acid Co-Synergism: Potential biological tool in amelioration of salt stress in chickpea (<i>Cicer arietinum</i> L.) genotypes
Dawa Mendez Alvarez Forest Research and Services Institute, National University, Costa Rica	Title: Standardization of a microsatellite PCR protocol for <i>Enterolobium cyclocarpum</i> populations in Costa Rica.
Kurbonali Institute of Botany, Plant Physiology and Genetics of National Academy of Sciences of Tajikistan, Tajikistan	Title: Improving the use of land resources in Tajikistan by optimizing the choice of crops using the example of jerusalem artichoke (<i>Helianthus Tuberosus</i> L.)

TENTATIVE PROGRAM

Samson Tsegaye Mekasha
Addis Ababa University, Ethiopia

Title: Geospatial modeling of forest cover dynamics and impact on climate variability in Awi Zone, Ethiopia

Hayat Mohmed Ahmed Hamid
Ministry of Agriculture, Sudan

Title: Laboratory Evaluation of the Fumigant Action of the Sudanese, the Chinese and the Egyptian Garlic Oils Against *Callosobruchus maculatus* L. (Coleoptera: Bruchidae)

Oral presentation slots are available !!

Poster Presentations

Jummy Ogedengbe
The University Of Melbourne, Australia

Title: Exploring foliar and soil silicon application for drought-resilient crop production

Jose Wilson Pereira Goncalves
Bombeiros, Brazil

Title: Panorama of forest fires in the municipality of humaita based on the inpe hot spots databases from 1998 to 2022

Padmaja Rai
Motilal Nehru National Institute of Technology Allahabad, India

Title: Iron oxide nanoparticles confer cross-tolerance to arsenate-induced stress in rice roots by engaging nitric oxide

Rajendra Darai
National Maize Research Program, Nepal

Title: Diversity, conservation, and utilization of grain legumes: A potential source for food and nutritional security in Nepal

Shoula Aboud Kharouf
National Commission For Biotechnology, Syrian Arab Republic

Title: Isolation and identification of mycorrhizal fungi associated with roots and soils of different plant hosts in Syria

Mahnaz Abdollahi
Agricultural Research, Education and Extension Organization, Iran

Title: Morphological characteristics, biomass, fiber and seed yield of an industrial hemp cultivar and its progenies under different fertilization rates

Bergal Amira
University Chadli Bendjedid El Tarf, Algeria

Title: Assessment report of physico-chemical and bacteriological quality of two water sources in the souarekh region of El Kala North-East, Algeria and its suitability For irrigation

Usman Khalid Chaudhry
Pakistan Environmental Protection Agency, Ministry of Climate Change, Pakistan

Title: Transcriptome Analyses of Orange Carrot Lines in Response to Drought Stress

Poster presentation slots are available !!