

8<sup>TH</sup> EDITION OF  
GLOBAL CONGRESS ON

# PLANT BIOLOGY AND BIOTECHNOLOGY

*Ensuring Sustainability and Global Transformation  
Through Crucial Plant Science Advances*

## Our OCMs



**MOHAMMAD BABADOOST**  
University of Illinois,  
United States



**EDWARD CURRY OWNER**  
President, Curry Farms,  
United States



**CARLOS RUIZ GARVIA**  
UN Climate Change Global  
Innovation Hub (UGIH),  
Mitigation Division, UNFCCC,  
Germany



**EDGAR OMAR RUEDA  
PUENTE**  
University of Sonora,  
Mexico



**VALASIA IAKOVOGLOU**  
UNESCO, Greece

### Scientific TOPICS

- Plant Biotechnology and Applications
- Plant Molecular Biology
- Plant Nutrition
- Soil and Crop Sciences
- Plant Pathology and Disease Management
- Plant Microbiology: Phycology & Plant Biotechnology and Applications
- Plant Physiology and Eco Physiology
- Plant Systematics and Taxonomy
- Plant Sciences and Plant Research
- Forest Science and Technology
- Plant Breeding
- Plant Developmental Biology
- Plant Ecology and Taxonomy
- Plant Hormones and their Functions
- Plant Science: Antibodies, Antigens and Antibiotics
- Plant Cell Biology and Molecular Biotechnology
- Plant - Biotic Interactions

 **25-27**  
MAR 2024



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# TENTATIVE PROGRAM

## Keynote Presentations

<b>Mohammad Babadoost</b> University of Illinois, United States	Title: Importance of biotechnology in developing effective management of fruit rots of apples
<b>Edward Curry Owner</b> President, Curry Farms, United States	Title: Biofumigants, mustard/arugula and it's effect on soil born disease and weeds
<b>Mary Cole</b> The University of Melbourne, Australia	Title: Using the urban and farming waste streams to improve soil health in agricultural systems
<b>Manuel Tornel Martinez</b> Instituto Murciano de Investigación y Desarrollo Agrario y Alimentario, Spain	Title: Expanding global table grape production and consumption trends driven by new seedless varieties
<b>Carlos Ruiz Garvia</b> UN Climate Change Global Innovation Hub (UGIH), Mitigation Division, UNFCCC, Germany	Title: Shifting Paradigms with Bamboo: Prominent Solutions for Climate Change and Sustainability
<b>Edgar Omar Rueda Puente</b> University of Sonora, Mexico	Title: The potential of beneficial microorganisms with the interaction with halophytes in desert and/or arid saline areas
<b>Abdul Khalil Gardezi</b> Colegio de Posgraduados, Mexico	Title: Enhancing tomato crop growth in wastewater-irrigated soils: Exploring the potential of bacterial consortia for bioremediation
<b>Valasia Lakovoglou</b> UNESCO chair Con-E-Ect, Greece	Title: Nature-based solutions for sustainable management of ecosystems
<b>Rameshkumar K B</b> Jawaharlal Nehru Tropical Botanic Garden and Research Institute, India	Title: Plant volatile organic compounds - an avenue of possibilities

## Oral Presentations

<b>Borja Barbero Barcenilla</b> Texas A&M University, United States	Title: Growing beyond Earth: Telomere tales of Arabidopsis thaliana in lunar regolith simulant and on International space station
<b>Graham Matthews</b> Imperial College, United Kingdom	Title: A Future for Ultra-Low Volume Application of Biological and Selected Chemical Pesticides
<b>Paulo Cesar Baleeiro</b> The University of Queensland, Australia	Title: Islands in the desert - Exploring the genetic diversity and structure of Eriocaulon in the springs of the Great Artesian Basin, Australia
<b>Tiziana Maria Sirangelo</b> Council for Agricultural Research and Economy Analysis, Italy	Title: Innovative approaches to investigate pathogen resistant cannabis crops

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<b>Lee Ping Ang</b> Georg August University of Gottingen, Germany	Title: Hybrid capture resolves the phylogeny of the pantropically distributed <i>Zanthoxylum</i> (rutaceae) and reveals an old world origin
<b>Matskiv Alexandra Olegovna</b> Federal Research Center SSC RAS, Russian Federation	Title: Biotechnological method of reproduction of representatives of the genus <i>Actinidia</i> Lindl
<b>Carmen Jacinto-Hernandez</b> INIFAP, Mexico	Title: Polyphenol oxidase activity in common beans with different post-harvest time
<b>Ramon Garza Garcia</b> INIFAP, Mexico	Title: Breeding of new common bean varieties from preferred native genotypes in Mexico
<b>Shreemaya Ramanathan</b> Technical University of Denmark, Denmark	Title: In silico and herbal informatics-based approach for drug designing against alcohol-induced hepatocellular carcinoma
<b>Bijayalaxmi Mohanty</b> National University of Singapore, Singapore	Title: Plant systems biology: Application to rice for understanding metabolic and regulatory characteristics under different abiotic and biotic stress conditions
<b>Anabela Silveira de Oliveira</b> Centro Universitario da Regiao da Campanha, Brazil	Title: Pampas cacti: Ecology, diversity and conservation
<b>Marilia Freitas de Vasconcelos Melo</b> Federal University of Alagoas, Brazil	Title: Genetic diversity in natural populations of <i>Myrciaria floribunda</i> in the state of Alagoas, Brazil
<b>Ananda Virginia de Aguiar</b> Embrapa Florestas, Brazil	Title: Biotechnologies applied to the improvement of pine for resin production
<b>Maria do Carmo Horta</b> Polytechnic Institute of Castelo Branco, Portugal	Title: Recovery of N and P from livestock and agro-industrial effluents: Physical-chemical processes and agronomic efficiency
<b>Ana P G C Marques</b> CBQF, Portugal	Title: Can phytoremediation be a solution for the food vs fuel problem?
<b>Siti Nor Akmar Abdullah</b> Universiti Putra Malaysia, Malaysia	Title: Unravelling molecular mechanism at early stage of <i>Ganoderma boninense</i> infection of oil palm for an effective disease mitigation strategies
<b>Mark Joseph G Pardoncillo</b> Mindanao State University, Philippines	Title: Isolation, characterization, and antibacterial activity of foliar fungal endophytes from <i>Rhizophora stylosa</i> Griff
<b>Pakhawat Pookhamsak</b> Suranaree University of Technology, Thailand	Title: Pyramiding of powdery mildew and leaf spot resistance genes in mungbean using marker-assisted backcrossing
<b>Marouane Ben Massoud</b> University College Cork, Ireland	Title: Effect of exogenous treatment with Nitric Oxide (NO) on redox homeostasis in barley seedlings ( <i>Hordeum vulgare</i> L.) under copper stress

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<b>Dnyaneshwar ramnath waghchoure</b> President Agricultural micro-organism manufacturers and farmers association, India	Title: Microbial biopesticide market trends and product development for sustainability
<b>Nirmalendu Das</b> Barasat Government College, India	Title: Application of endobacterial isolates for sustainable production of Oyster mushroom
<b>Shrishail</b> Kuvempu University, India	Title: Phytochemical and physicochemical Characterization of apiary honeys from the different regions of Central Western Ghats of Karnataka, South India
<b>Om Prakash Shukla</b> JK Paper Ltd, India	Title: Tree breeding for development of triploid hybrid in leucaena leucocephala to resolve wood sustainability in India
<b>Praveen Dahiya</b> Amity University, India	Title: Utilization of fly ash in agriculture for sustainable environment management
<b>Rahul Hajare</b> Sandip University, India	Title: Breast cancer and Indole-3-Carbinol: Medicinal development and strategies of natural products
<b>A P Lipton</b> 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 halodule pinifolia and syringodium isoetifolium
<b>Januka Pradhan</b> Sikkim Manipal Institute of Medical Sciences, India	Title: In-vitro antibacterial activity of the Sikkim Himalayan medicinal plant hippophae salicifolia: Promising source of new drug for (Multi Drug Resistance) MDR pseudomonas aeruginosa
<b>Geetha B S</b> Kerala State Council For Science Technology and Environment, India	Title: Braided botany: My thrills of scientific plant research at botanic garden
<b>Arti Jamwal Sharma</b> Career Point University, India	Title: Phytochemical profiling and radical scavenging activity of fagopyrum esculentum moench under drought stress: A potential medicinal herb of Himalayas
<b>Minoo Divakaran</b> University of Calicut, India	Title: In vitro techniques for conservation of plant genetic resources: Sustaining Biodiversity for the future
<b>Vijaya Kumar Nalla</b> Bhaskaracharya College of Applied Sciences, India	Title: Novel tissue culture combinatorial strategies for optimization of in vitro micropropagation of endangered plant species
<b>Tisha Liza Tomy</b> ST. Mary's College, India	Title: Agrobacterium tumefaciens mediated multiple gene integration in Hevea brasiliensis by repeated genetic transformation
<b>Nisha Singh</b> Gujarat Biotechnology University, India	Title: Identification of genes to improve seed and nutrition quality traits in pigeonpea using Genome wide association study

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<b>Ajaz A Lone</b> Sher-E-Kashmir University of Agriculture Sciences & Technology of Kashmir India, India	Title: Breeding climate smart pulses
<b>Pekka Ranta</b> Janhua botanic garden, Finland	Title: Historical orchid collection from 1879 - recollected
<b>Pushpa Lohani</b> G B Pant University of Agriculture & Technology, India	Title: Zinc-chitosan-salicylic acid nanoparticles enhance tolerance and augment yield in wheat ( <i>Triticum aestivum</i> L.) during drought
<b>Resmi A</b> SN College Punalur, India	Title: Substitutes of <i>Albizia lebbbeck</i> (L.) Benth in ayurveda: Comparative analysis of properties and prospective for scientific validation
<b>Pratibha Pandey</b> Noida Institute of Engineering and Technology, India	Title: Plant based compounds targeting dysregulated cell signaling pathways in several human carcinomas
<b>Sandeep Sharma</b> Indian Agriculture Research Institute New Delhi, India	Title: Role of microRNA in phosphorus starvation tolerance in rice under high temperature
<b>Shumaila Shahid</b> ICAR- Indian Agricultural Research Institute, India	Title: Fusarium wilt disease of cucurbits - its importance and management
<b>Sangeeta Singh</b> International Centre for Genetic Engineering and Biotechnology, India	Title: Genomic advancements: Unveiling a 62K genic-SNP chip array for precision genetic studies and breeding applications in pigeonpea ( <i>Cajanus cajan</i> L. millsp.)
<b>Marie Solange Tiebre</b> Universite Felix Houphouet Boigny, Cote d'Ivoire	Title: How GIS software is helping us manage plants in the face of global challenges such as invasion, extinction, and climate change
<b>K R Aneja</b> Kurukshetra University, India	Title: Exploitation of fungal biodiversity to control weeds with mycoherbicides: An alternative to chemical herbicides
<b>Neeraj Bainsal</b> Chandigarh University, India	Title: Antianxiety activity of <i>Thalictrum foliolosum</i> (roots) and <i>Shorea robusta</i> (resin): Research outcomes from animal experimentation studies
<b>T S S K Patro</b> Acharya N G Ranga Agricultural University, India	Title: Sustainable disease management in Orphan crops
<b>Raj Kumar Joshi</b> Rama Devi Women's University, India	Title: Engineering disease resistance in plants by a single transcript CRISPR/Cas9 multiplex microRNA editing system
<b>B N Hazarika</b> Central Agricultural University, India	Title: Underutilized horticultural crops of North East India and their exploitation potential



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<b>Kailash Narayan Gupta</b> Jawaharlal Nehru Krishi Vishwa Vidyalaya, India	Title: Bio-priming & Integrated root & Stem rot diseases management in Sesame
<b>Navneeti Chamoli</b> H.N.B. Garhwal University, India	Title: Assessment of genetic diversity and population structure of French bean accessions of Garhwal Himalayas by SSR markers and morpho-agronomic traits
<b>Parthasarathi T</b> Vellore Institute of Technology, India	Title: Mitigation of abiotic stresses by using phyto-microbiome
<b>Manoj M S</b> University of Agricultural Sciences, India	Title: Linkage studies in rice ( <i>Oryza Sativa</i> L.)
<b>Rajeev Kumar</b> Lovely Professional University Phagwara, Punjab, India	Title: Biocontrol activity of weed leaf extract against phytopathogenic, <i>Phytophthora</i> and <i>Fusarium</i> fungi
<b>Geetika Singh</b> Aryans Group of Colleges, Rajpura, India	Title: Viability loss of bamboo seeds of three species associated with membrane phase behaviour and enzyme analysis during storage
<b>Vijayan Gurumurthy Iyer</b> Bihar Institute of Public Administration & Rural Development, India	Title: Total Quality and Environmental Management (TQEM) from product quality to environmental performance excellence for the sustainable seed-cotton (or kapas) development
<b>Madhu Raina</b> University of Delhi, India	Title: Post-zygotic self sterility as a cause of late acting self-incompatibility in <i>Kigelia Africana</i> (Lam.) Benth. (Bignoniaceae)
<b>Smita Rajput</b> Mata Gujri Mahila Mahavidyalay, India	Title: Traditional knowledge of local population regarding the use of plants in Neemach and Ratlam
<b>Manisha Yadav</b> National Institute of Plant Genome Research, India	Title: Deciphering the intricacies of TF CabHLH mediated root nodule development in Chickpea
<b>Zhongsheng Guo</b> Northwestern A&F University, China	Title: Agriculture high quality development
<b>Wen Ming Wang</b> Sichuan Agricultural University, China	Title: Exploiting immune-regulatory genes to buffer immunity-growth tradeoffs in rice
<b>Muhammad Adil</b> Henan University, China	Title: Zinc oxide nanoparticles improved chlorophyll contents, physical parameters, and wheat yield under salt stress
<b>Guangyue Li</b> Chinese Academy of Agricultural Sciences, China	Title: Enhancing the production of Xenocoumacin 1 in <i>Xenorhabdus nematophila</i> CB6 by a combinatorial engineering strategy
<b>Zsolt Ponya</b> Hungarian University of Agriculture and Life Sciences, Hungary	Title: The potential use of the analysis of biophoton emission profiles in monitoring plant health state
<b>Chaichi Wissem</b> University Blida 1, Algeria	Title: Effect of vegetable oils and aqueous extracts on antifungal activities and strategic crop development mechanisms

# TENTATIVE PROGRAM

<b>Ziri Sihem</b> University Hassiba Ben Bouali, Algeria	Title: The sale of medicinal and aromatic plants in the chlef region and phytochemical screening of a local plant <i>Myrtus communis</i> L
<b>Oustani Mabrouka</b> University Kasdi Merbah Ouargla, Algeria	Title: Agronomic performance and salt tolerance of quinoa ( <i>Chenopodium quinoa</i> Willd.) genotypes under arid conditions of Northeast of the Algerian Sahara
<b>Birendra Kumar Bhattachan</b> Agriculture and Forestry University, Nepal	Title: Toposequential terraces environment and use of fertilizer influenced grain yield of rainfed lowland rice in the mid-hills of Nepal
<b>Mukti Ram Poudel</b> Tribhuvan University, Nepal	Title: Impact of Abiotic stress on performance of Nepalese wheat ( <i>Triticum aestivum</i> L.) genotypes and molecular characterization by using stress linked SSR marker
<b>Azzaz EL Medany</b> Alexandria University, Egypt	Title: What is the possible therapeutic effect of ginkgo biloba on gastric ulcer induced by ammonia in albino rats?
<b>Doaa Jamal Sanad Abu Darwish</b> National Agriculture Research Center, Jordan	Title: In vitro cultures and volatile organic compound production in <i>Chiliadenus montanus</i> (Vhal.) Brullo
<b>Kenoni Moyo</b> Central University of Technology, South Africa	Title: Eco-organic system and silicon-based biostimulant as a strategy for vegetable production under multistress conditions in South Africa: A review
<b>Phumzile Sibisi</b> University of South Africa, South Africa	Title: Identification and characterization of microRNAs as role players in the wheat ( <i>Triticum aestivum</i> ) defence response against the Russian wheat aphid
<b>Yapo Yomeh Cynthia Viviane</b> Universite Alassane Ouattara, Cote d'Ivoire	Title: Antimicrobial medicinal plants used in the grands ponts region (Cote d'Ivoire): Ethnobotanical study and evaluation of the antibacterial, antifungal and toxic activities of the most frequently used taxa
<b>Kartyzhova Liliya Evgen Evna</b> NAS of Belarus, Belarus	Title: Screening of nitrogen-fixing bacterium of lupini rhizoplana for an effective association to stimulate growth and development of the host plant
<b>Daniel Dompkeh</b> Kwame Nkrumah University of Science and Technology, Ghana	Title: Ensuring survival of the Ghanaian endemic and critically endangered <i>Talbotiella Gentii</i> through recent advances in science
<b>Likeng Li Ngue Benoit Constant</b> University of Yaounde I, Cameroon	Title: Genetic diversity of <i>Hibiscus sabdariffa</i> collected in some countries of the Central African sub-region
<b>Bertukan Mekonnen</b> Bule Hora University, Ethiopia	Title: Review on the influence of temperature on seed germination
<b>Samuel Alemayehu Lapiso</b> Mekelle university, Ethiopia	Title: Fungal infection and mycotoxins contamination in on-farm-stored chickpea in major- producing districts of Ethiopia
<b>Birhanu Kagne</b> Hawassa University, Ethiopia	Title: Mechanisms for successful biological restoration of the threatened <i>Juniperus procera</i> (Cupressaceae) on degraded landscape, Ethiopia

# TENTATIVE PROGRAM

<b>Tesfay Gidey Bezabeh</b> Adigrat University, Ethiopia	Title: Using the Yield-SAFE model to assess the impacts of climate change on yield of coffee ( <i>Coffea arabica</i> L.) under agroforestry and monoculture systems
<b>Tesfay Gidey Bezabeh</b> Adigrat University, Ethiopia	Title: Effects of wheat-faba bean intercropping on yield, land-use efficiency and economic revenue in semi-arid areas
<b>Daniel Hagos Berhe</b> Adigrat University, Ethiopia	Title: The flagship dragon trees in the era of genomics
<b>Teklay Tesfay</b> Aksum University, Ethiopia	Title: Performance of aquacrop model for simulating maize growth and yield under varying sowing dates in shire area, North Ethiopia
<b>Okubay Giday Adhanom</b> Mekelle University, Ethiopia	Title: Response of wheat ( <i>triticum aestivum</i> ) to different rates of slow release and conventional urea fertilizers in Vertisols Ofla District, Southern Tigray, Ethiopia
<b>Mekonnen Gebeyaw</b> Bahir Dar University, Ethiopia	Title: Genotype by Environment Interaction (GEI) and yield stability in chickpea ( <i>cicer arietinum</i> L.) Varieties across six environments in Ethiopia
<b>Gebretsadkan Berhe Debre</b> Adigrat University, Ethiopia	Title: Optimization of in vitro propagation techniques in elephant grass bana cultivar ( <i>Pennisetum purpureum</i> schum)
<b>Brhane Gebremariam Kahsay</b> Raya University, Ethiopia	Title: Hydroponic feed value to livestock production
<b>Genie Spirou Lutonadio Kiala</b> University of Kinshasa, Congo	Title: Preliminary study on the adaptation of quinoa varieties to the agro-ecological conditions of Kinshasa, Democratic Republic of Congo
<b>Daniel Danladi Musa</b> Federal University Dutsin-Ma, Nigeria	Title: Allelopathic effect of aqueous leaves extract of umbrella tree ( <i>terminalia mantaly</i> ) on the germination and early seedling growth of senna weed ( <i>senna occidentalis</i> )
<b>Harithas Aruchchunan</b> JICA, Sri Lanka	Title: Exploring the yield and cultivation practices of super napier/pakchong 1 grass in the Northern Province of Sri Lanka: Implications for smallholder dairy farmers
<b>Egamberdiev Akmal Ergashevich</b> Academy of Sciences of the Republic of Uzbekistan, Uzbekistan	Title: <i>Ajuga turkestanica</i> (Regel) brig in Uzbekistan biomorphological characteristics, area, place in plant communities and raw resources
<b>Odewade Joseph Oluwaseun</b> Federal University Dutsin-Ma, Nigeria	Title: In vitro assessment of antidiarrheic properties of root fractions of <i>chrysophyllum albidum</i> root extract
<b>Olaleye Victor John</b> University of Ibadan, Nigeria	Title: Sole and combined effects of phosphorus and arbuscular mycorrhizae fungi on the growth and yield of bambara groundnut ( <i>Vigna Subterranea</i> (L.) Verdc.)
<b>Wanyera Francis John</b> University of Nairobi, Kenya	Title: An Ethnobotanical survey of traditional medicinal plants use and conservation in Mbale District; Eastern Uganda



# TENTATIVE PROGRAM

<b>Shamsul Haque Prodhan</b> Shahjalal University of Science and Technology, Bangladesh	Title: Overexpression of OsSUB1A1 and SNORKEL-LIKE PROTEIN-1 (SK-1) genes in indica rice to improve submerge tolerance for attaining food security
<b>Md Altaf Hossain</b> Soil Resource Development Institute, Bangladesh	Title: Screening of mungbean genotypes for nutrient stress tolerance
<b>Shamima Akter</b> Bangladesh Rice Research Institute, Bangladesh	Title: Bioformulation of phylloplane <i>Pseudomonas</i> spp. for management of sheath blight disease of rice ( <i>Oryza sativa</i> )
<b>Muhammad Tahir</b> National University of Sciences and Technology, Pakistan	Title: Tomato productivity enhancement by transgenic resistance development against tomato infecting begomovirus(es)
<b>Muhammad Ijaz Tabassum</b> Ayub Agricultural Research Institute, Pakistan	Title: Impact of voices on wheat yield maximization
<b>Muhammad Atif Wahid</b> Bahauddin Zakariya University, Pakistan	Title: Assessment of germplasm using multivariate analysis for spring wheat for Yield component and nutritional profile traits (Screening for low gluten content)
<b>Aneela Nijaba</b> University of Mianwali, Pakistan	Title: Genome-Wide Association Study (GWAS) for Heat Tolerance for Yield Contributing Root Traits in Diverse Carrot [ <i>Daucus carota</i> (L.)] Germplasm
<b>Abdul Razzaq</b> The University of Lahore, Pakistan	Title: Cotton improvement for heat tolerance using multiple stress tolerance indices and multivariate analyses
<b>Iqtidar Hussain</b> Gomal University, Pakistan	Title: Ameliorative influence of Salicylic acid on physiology of potato tubers under salinity (heavy metals salts) and climate change scenario
<b>Bilal Ahmad Khan</b> University of Sargodha, Pakistan	Title: Optimizing the doses of chitosan/Tripolyphosphate loaded nanoparticles of clodinafop propargyl and fenoxaprop-P-ethyl to manage <i>Avena fatua</i> L.: An environmentally safer alternative tool to control weeds
<b>Liaqat Shah</b> Mir Chakar Khan Rind University, Pakistan	Title: Genetic variation and diverse wheat genotypes contribute to heat stress tolerance under field condition
<b>Kashif Hussain</b> MNS University of Agriculture, Pakistan	Title: Potential of <i>Olea europaea</i> seeds (olive oil) extract as alternative biochemical and therapeutic against coccidiosis in broiler chicken
<b>Brahmi Wejden</b> University of Carthage, Tunisia	Title: How can high throughput phenotyping help food security in the Mediterranean Area
<b>Soroor Khorramdel</b> Ferdowsi University of Mashhad, Iran (Islamic Republic of)	Title: Evaluation of Sunn pest resistance in bread wheat genotypes/cultivars using agronomic characteristics

# TENTATIVE PROGRAM

<b>Bahram Heidari</b> Shiraz University, Iran (Islamic Republic of)	Title: An integrated omics analysis reveals candidate genes underlying grain filling period in <i>Brassica napus</i> L. under drought stress
<b>Maryam Salami</b> Shiraz University, Iran (Islamic Republic of)	Title: NRT1/PTR FAMILY (NPF) gene pleiotropically regulates myricetin content and seed number/silique in rapeseed ( <i>Brassica napus</i> L.) under drought stress
<b>Francis Machumi</b> Muhimbili University of Health and Allied Sciences, Tanzania, United Republic of	Title: Antimicrobial properties of Tanzanian combretum species
<b>Maryam Salami</b> Shiraz University, Iran (Islamic Republic of)	Title: Stem-specific protein TSJT1-like (TSJT1) gene regulates growth parameters in rapeseed ( <i>Brassica napus</i> L.) under drought stress
<b>Mostafa Khoshhal Sarmast</b> Gorgan University of Agricultural Sciences and Natural Resources, Iran (Islamic Republic of)	Title: <i>Rosa persica</i> : Origin, propagation and potential traits
<b>Hossein Kazemi</b> Gorgan University of Agricultural Sciences and Natural Resources, Iran (Islamic Republic of)	Title: Quantifying, valuation and mapping ecosystem services in an agricultural landscape
<b>Tekla Joseph</b> Catholic University of Health and Allied Sciences, Tanzania, United Republic of	Title: Ethnomedical survey, antimycobacterial and phytochemical investigation of medicinal plants used by communities in Magu District, Tanzania

## Poster Presentations

<b>Hayoon Kim</b> Radnor High School, United States	Title: Establishing a computational screening framework to identify environmental exposures using untargeted GC-HRMS
<b>Olajumoke Ogedengbe</b> University of Melbourne, Australia	Title: Exploring foliar and soil silicon application for drought-resilient crop production
<b>Khin Mar Cho</b> Temasek Polytechnic, Singapore	Title: Developing innovative soil-less microgreens cultivation
<b>Alice Dulaj</b> University of Copenhagen, Denmark	Title: The presence of rol genes in nature and the applications of the rol-technology via non-GMO breeding to improve horticultural plant traits
<b>Akio Tateya</b> Japan Fumigation Technology Association, Japan	Title: Alternatives used in plant quarantine treatment and appropriate use of methyl bromide in Japan
<b>Kowit Hengphasatporn</b> University of Tsukuba, Japan	Title: Insights into molecular metabolism of herbicide-resistant CYP81As through molecular docking and MM/GBSA analysis

# TENTATIVE PROGRAM

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<b>Muhamad Yasin Hasanul Gaffar</b> Research staf of ICERI, Indonesia	Title: The Implementation of some statistical model under corn family selection
<b>Bishnu K Sharma</b> Sikkim Government College, India	Title: Reproductive biology of <i>Plumbago zeylanica</i>
<b>Agilandeswari Devarajan</b> MVM College of Pharmacy, India	Title: Formulation and evaluation of Poly-herbal South Indian traditional soup for prophylactic use
<b>Jessica Rene Hansdah</b> Ranchi University, India	Title: Taxonomical studies on leaves of <i>butea monosperma</i> (Lam.) taub., <i>dalbergia sissoo roxb.</i> , <i>phaseolus vulgaris</i> L. and <i>pisum sativum</i> L. of family <i>fabaceae</i> lindl.
<b>Radhajeyalakshmi R</b> Tamil Nadu Agricultural University, India	Title: Role of nudix hydrolases during stress induced redox chemostasis
<b>Narinder Panotra</b> Sher-e- Kashmir University of Agricultural Sciences and Technology of Jammu, India	Title: Yield and economics of organic basmati rice ( <i>Oryza sativa</i> L.) as affected by application of crop establishment methods and nutrient sources in sub-tropical zones of Jammu region
<b>Mansha Nisar</b> University of Kashmir, India	Title: Impact of temperature and precipitation change on <i>Glycyrrhiza glabra</i>
<b>Darshita Rawat</b> Forest Research Institute, India	Title: Fostering sustainable tomorrow: Embracing botanical resilience through bamboo for bioremediation of industrial waste
<b>Ajay Kumar Gupta</b> Himalayan Institute of Engineering & Technology, India	Title: The utilization of plant-based peptides, isolated through plant biotechnology, as antimicrobial agents
<b>Arti Thakur</b> Parul University, India	Title : Screening of groundnut plant associated rhizobacteria for multiple plant beneficial plant growth promoting traits
<b>Roshan Maroti Shinde</b> Indira Gandhi Agriculture University, India	Title: Leveraging bacterial isolates for sustainable rice straw decomposition: An eco-friendly paradigm
<b>Saul Brenes Gamboa</b> University of Costa Rica, Costa Rica	Title: Characterization of the use and soil coverage from Sentinel-2 satellite images
<b>Karine Sarikyan</b> CJSC of the Ministry of Economy, Armenia	Title: Breeding and latest cultivation technologies of a Solanaceae Vegetable Crops in Armenia
<b>Gayane Shaboyan</b> CJSC of the Ministry of Economy, Armenia	Title: Study of the several genetic resources lentils from ICARDA in Armenia
<b>Gohar Kirakosyan</b> Ministry of Economy of the Republic of Armenia, Armenia	Title: Study of the several genetic resources beans in Armenia
<b>Gayane Martirosyan</b> Ministry of Economy of the Republic of Armenia, Armenia	Title: Impact of Grafting on bio morphological and economically valuable particularities of watermelon
<b>Laura Tadevosyan</b> CJSC of the Ministry of Economy, Armenia	Title: Study of some genetic resources of several spice plants in Armenia

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<b>Melyan Gayane</b> Armenian National Agrarian University, Armenia	Title: In vitro propagation of grapevine ( <i>Vitis vinifera</i> L.) cultivar Sveni by direct organogenesis
<b>Demmouche Abbassia</b> University of Sidi Bel Abbes, Algeria	Title: Evaluation of the anti-inflammatory effect of propolis in Wistar rats
<b>Gulnar Ultanbekova</b> Al-Farabi Kazakh National University, Kazakhstan	Title: Development of a bionano-insecticide and efficient PGPR microorganisms synthesized with nanoparticles for organic cotton ( <i>Gossypium</i> ) cultivation
<b>Mostafa Hamad</b> Cairo university, Egypt	Title: A new record of geniculate coralline algae from the Pliocene - Pleistocene carbonates of Marsa Alam area, red sea coastal plain, Egypt
<b>Kenoni Moyo</b> Central University of Technology, South Africa	Title: Eco-organic system and silicon-based biostimulant as a strategy for vegetable production under multistress conditions in South Africa: A review
<b>Fiston Masudi</b> Makerere University, Uganda	Title: The inheritance, stability, and validation of provitamin a makers in striga resistant inbred line maize in Uganda
<b>Sahel Haghighi</b> Sari University of Agricultural Sciences and Natural Resources, Iran (Islamic Republic of)	Title: The place of electrophysiology in sustainable management of rangeland ecosystems using vetiver in Iran
<b>Sahel Haghighi</b> Sari University of Agricultural Sciences and Natural Resources, Iran (Islamic Republic of)	Title: Investigating Vetiver plant eco physiology and shear stress changes in different regions in Iran
<b>Husniya</b> Sumgait State University, Azerbaijan	Title: The phytochemical study of the <i>pastinaca pimpinellifolia</i> M.Bieb
<b>Shoula Aboud Kharouf</b> Furat University, Syrian Arab Republic	Title: Isolation and identification of mycorrhizal fungi associated with roots and soils of different plant hosts in Syria

***Poster presentation slots are available !!***