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## Scientific Program

### 8<sup>th</sup> International Conference of Pakistan Phytopathological Society (8ICPPS)

### Sustainable Agriculture & Food Security; ‘A Nexus of Plant Pathogens, Climate Change and Water Challenges’

Time	Day 1: Sunday, November 26, 2023		
	Venue: Khawaja Ghulam Farid Auditorium, BJ Campus, IUB		
03:00-6:00 PM	Arrival of Guests & Registration Poster Set Up and Loading of Oral Presentations		
	Day 2: Monday, November 27, 2023		
	Official Welcome Ceremony Venue: Khawaja Ghulam Farid Auditorium, Baghdad-ul- Jadeed Campus, The Islamia University of Bahawalpur		
	Qiraat & Naat		
9:00-13:00 PM	Welcome Address	Prof. Dr. Muhammad Naveed Aslam Malghani Chairman, Department of Plant Pathology, The Islamia University of Bahawalpur	09:10 AM
	Opening of the Conference	Prof. Dr. Tariq Mukhtar, Focal Person, 8 <sup>th</sup> ICPPS President, Pakistan Phyto-Pathological Society/ Patron 8 <sup>th</sup> ICPPS	09: 20 AM
	Keynote Address	Prof. Dr. Hongwei Zhao Department of Plant Protection, Nanjing Agricultural University, China	09:30 AM
	Keynote Address	Dr. Munawar Raza Kazmi Country Manager, Australian Centre for International Agricultural Research (ACIAR)	09:50 AM
	Keynote Address	Mr. Kaleem Afzal, Corteva Agriscience	10:10 AM
	Lead talk	Manzoor Hussain Soomro President ECO Science Foundation, Islamabad	10:30 AM
	Lead Talk	Prof. Dr. Fateh Muhammad Marri Vice-Chancellor, Sindh Agriculture University, Tandojam	10:40 AM
	Lead Talk	Prof. Dr. Muhammad Naeem Vice-Chancellor, PMAS Arid Agriculture University, Rawalpindi	10:50 AM
	Lead Talk	Prof. Prof. Dr. Ashfaq Mahmood Qureshi Vice-Chancellor The Govt. Sadiq College Women University Bahawalpur	11:00 AM

	Lead Talk	Prof. Dr. Muhammad Sajjad Khan Vice-Chancellor, Cholistan University of Veterinary and Animal Sciences		11:10 AM
	Remarks by Chief Guest	Dr. Ehtasham Anwar Commissioner Bahawalpur		11:30 AM
	Concluding Remarks	Prof. Dr. Naveed Akhter Worthy Vice Chancellor/Patron-In-Chief 8 <sup>th</sup> ICPPS		11:50 AM
	Words of Thanks	Prof. Dr. Tanveer Hussain Turabi, Dean, Faculty of Agriculture & Environment Chief Organizer 8 <sup>th</sup> ICPPS		12:10 PM
		Shields & Certificate Distribution		12:30 PM
		PPS ACIAR Mentoring Program Certificate Distribution		12:50 PM
13:00-13:45	<b>Prayer &amp; Lunch Break</b>			
13:45-14:15	<b>Poster Viewing</b>			
	<b>Technical Sessions</b>			
<b>Venue &amp; Session Panels</b>	<b>Audio Video Room No 1 Khawaja Ghulam Farid Auditorium</b>	<b>Khawaja Ghulam Farid Auditorium</b>	<b>Auditorium Faculty of Agriculture &amp; Environment</b>	
	<b>Molecular Plant Pathology</b> Session Chair: Dr. Manzoor Hussain Soomro Co-Chair: Prof. Dr. Saleem Haider	<b>Host Pathogens Interaction/ Climate Change &amp; Plant Pathogens</b> Session Chair: Prof. Dr. Shahbaz Talib Sahi Co-Chair: Prof. Dr. Rashida Atiq	<b>Plant Disease Epidemiology</b> Session Chair: Prof. Dr. Tariq Mukhtar Co-Chair: Prof. Dr. Sobia Chohan	
14:15-14:30	<b>Keynote</b> Isolation and Characterization of Mixed Infection of <i>Chilli Leaf Curl Virus</i> (ChiLCV) and <i>Rose Leaf Curl Virus</i> (RoLCV) in <i>Duranta erecta</i>	<b>Keynote</b> The Potential of the Nanotechnologies in Plant Protection	<b>Keynote</b> Concept of Resistance and Tolerance of Plant Parasitic Nematodes	
	Muhammad Saleem Haider, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab Lahore	Prof. Giorgio M. Balestra, Department of Agriculture and Forest Sciences (DAFNE), Tuscia University, Viterbo, Italy.	Prof. Dr. Safdar Ali Anwar Department of Nematology, University of California, Riverside, USA	
14:30-14:40	Phyto-detoxification of Aflatoxin B1 & B2 and structural elucidation of degraded products	<i>Aureobasidium pullulans</i> : Up-and-coming biocontrol agent against crown rot, root rot, and grey mould	Sudden Decline Disease of Date Palm ( <i>Phoenix dactylifera</i> L.) in district Khairpur, Sindh: Post Flood Scenario	
	Tehmina Anjum, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore	Dr. Mudassar Iqbal Department of Plant Protection Biology, Swedish University of Agricultural Sciences, Sweden	Aziz Ahmed Ujjan, Plants' Pathogens, Pests and Protection Laboratory (PPL), Institute of Plant Sciences, University of Sindh, Jamshoro	

14:40-14:50	Potential Natural Fungicidal Components in Stem of <i>Chenopodium Album</i> to Control <i>Sclectium Rolfsii</i> , the Cause of Collar Rot of Chickpea	Enhancing the Growth of Adzuki Beans through the Application of <i>Cannabis sativa</i> Leaves Powder for the Control of Root Pathogenic Fungi	<b>Keynote</b> Genome-based Classification and Identification of Bacterial Plant Pathogens
	Dr. Arshad Javaid, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Quaid-i-Azam Campus, Lahore	Dr. Noor Fatima Shaikh, Government College for Women Saudabad, Malir, Karachi	Boris A. Vinatzer, School of Plant and Environmental Sciences, Virginia Tech
14:50--15:00	RAPD based Genetic Diversity among <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (Xoo) Population in Pakistan	Forecasting of rice blast disease by using multiple regression model based on environmental factors	Estimation of secondary metabolites of indigenous medicinal plant extracts and in vitro and in vivo efficacy against tomato early blight disease in Pakistan
	Rafia Ahsan, Quaid-i-Azam University, Islamabad, Pakistan.	Fatima Maira, University of Agriculture, Faisalabad	Hafiz Muhammad Saqib, Department of Plant Pathology, FAST, Bahauddin Zakariya University Multan
15:00-15:10	In Silico Prediction of Potential miRNAs to target <i>Tomato yellow leaf curl virus</i> in tomato plant	Evaluating Invitro Efficacy of Antimicrobial Ginger and Turmeric Extracts Against Soil Borne Phytopathogenic Fungal Rots	Antibacterial Activity and Chemical Composition of Essential Oil of <i>Nyctanthes Arbortristis</i> Flowers
	Dr. Sana Khalid Department of Botany, Lahore College for Women University, Jail Road, Lahore, Pakistan	Dr. Gulshan Irshad, Department of Plant Pathology, PMAS-Arid Agriculture University Rawalpindi.	Malik Fiaz Hussain Ferdosi, Department of Horticulture, Faculty of Agricultural Sciences, University of the Punjab, Quaid-i-Azam Campus, Lahore, Pakistan
15:10-15:20	<i>Xylella fastidiosa</i> and its Control in the Mediterranean: Unveiling Circular Plant Protection with Focus on Italy and Nano-formulations	The growth of spinach under salt stress is enhanced by the presence of a specific <i>Bacillus</i> strain by influences the physiological processes of the plant	Identification of important pepper viruses and molecular characterization of <i>Pepper mild mottle virus</i> (PMMoV) infecting pepper crop in Qassim and Al-Baha regions of Saudi Arabia
	Dr. Muhammad Amir Muawiya, Department of Agriculture and Forestry Sciences, University of Tuscia, Viterbo, Italy	Muhammad Amjid, Akdeniz Üniversitesi, Antalya, Türkiye	Zaheer Khalid, Department of Plant Protection, King Saud University, Saudi Arabia.
15:20-15:30	Bio fabrication of Zinc Oxide nanoparticles from <i>Nigella sativa</i> seed extract and their incorporation for plant growth in <i>Vigna radiate</i>	Effects of Weather and Management Tactics on Fusarium Head blight and Deoxynivalenol in Winter Wheat	In-Vitro Pathogenicity Test, Virulence and Aggressiveness Analysis of Fusarium Isolates Associated with Date Palm Wilt in Pakistan
	Zill-e-Huma Aftab, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab Lahore, Pakistan	Stephen Wegulo, Professor/Extension Plant Pathologist, University of Nebraska Lincoln	Shehla Riaz, University of Agriculture, Faisalabad

15:30	<b>Pannel Discussion on Climate Change and Sustainable Agricultural Production Coordinated by Manzoor H. Soomro at VC-House</b>		
15:30-15:40	Green synthesis of FeO nanoparticles using <i>Canabis sativa</i> plant extract and their effectiveness against <i>Fusarium oxysporum</i>	Investigating the diversity and distribution of fungal pathogens associated with Rose blight and their management	Use of Microbial Consortia for Efficient Composting and Suppressing the Soil Borne Pathogens
	Dr. Muhammad Nasir Subhani, University of the Punjab, Lahore	Muhammad Talha Ikram, Department of Plant Pathology Faculty of Agriculture & Environment, The Islamia University of Bahawalpur, Pakistan	Nayara Noreen, Pest & Disease Research Lab., Department of Agriculture & Agribusiness Management, University of Karachi, Karachi-75270, Pakistan
15:40-15:50	Morphological, Biochemical, and Molecular Characterization of <i>Xanthomonas citri</i> subsp. <i>Citri</i> , cause of citrus canker disease in Pakistan	Biofumigation with <i>Brassica Carinata</i> (Biofence®) Controls the <i>Phytophthora cinnamomi</i> Root Rot and Use of Metabarcoding to Understand the Structure of Oomycetes Community In Soil	First report of molecular characterization of <i>Ageratum enation virus</i> and associated DNA-satellites complex infecting <i>Morus alba</i> from Pakistan
	Sidra Mushtaq, Department of Plant Pathology, FAST, Bahauddin Zakariya University, Multan	Wajid Aurangzeb, Dipartimento Per La Innovazione Nei Sistemi Biologici, Agroalimentari E Forestali (DIBAF), University of Tuscia,	Dr. Fasiha Qurashi, Department of Biological Sciences, City Campus, University of Veterinary and Animal Sciences, 54000-Lahore, Pakistan.
15:50-16:00	Biocontrol of larvae of Red Palm Weevil by various species of Entomopathogenic Nematodes (EPNs)	Enhancing Plant Immunity Against Ptr by Targeting Brassinosteroid-Regulated Fatty Acid Biosynthesis to Inhibit ToxA Activity: A Multi-Faceted Approach	Biocontrol potential of <i>Pseudomonas syringae</i> against Charcoal rot disease in <i>Zea mays</i> L.
	Sajjad Ali, National Nematological Research Centre, University of Karachi, 75270, Pakistan	Mr. Muhammad Junaid Yousaf, Abdul Wali Khan University Mardan	Muhammad Jarrar & Amna Shoaib, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore
16:00-16:30	<b>After Noon Tea</b>		
16:30-17:30	<b>Business Session Pakistan Phytopathological Society</b>		
19:00	<b>Conference Dinner and Colors of IUB</b>		

**Day 3, Tuesday, November 28, 2023**

Venue & Session Panels	Audio Video Room No 1 Khawaja Ghulam Farid Auditorium	Khawaja Ghulam Farid Auditorium BJ Campus, IUB	Auditorium Faculty of Agriculture & Environment Insect in relation to Plant Pathogens/ Plant Nematology
09:00-9:15	<b>Molecular Plant Pathology / Misc.</b> Session Chair: Prof. Dr. Safdar Ali Anwar Co-Chair: Prof. Dr. Manzoor Abro	<b>Plant Disease Management</b> Session Chair: Prof. Dr. Abdul Mubeen Lodhi Co-Chair: Prof. Dr. Saleem Shahzad	Session Chair: Prof. Dr. Rehana Naz Syed Co-Chair: Dr. Arshad Javaid
09:15-09:25	<b>Keynote</b> Climate change is escalating the outbreak of plant viral diseases: A Review Tahira Yasmin, Crop Diseases Research Institute	<b>Keynote</b> Prevalence of seedling and root fungal pathogens of chilli in Sindh and their control Dr. Abdul Mubeen Lodhi Department of Plant Protection, Sindh Agriculture University Tandojam	<b>Keynote</b> Distribution, diagnostics, and containment of Panama wilt of banana disease in Pakistan Prof. Dr. Rehana Naz Syed
09:25-09:35	Role of Next Generation Sequencing (NGS) in Plant Disease Management Dr. Raees Ahmed, Department of Plant Pathology, University of Poonch Rawalakot, AJK, Pakistan.	Antifungal Activity of Black Pepper ( <i>Piper nigrum</i> ) Essential Oil against Chickpea Blight Caused by <i>Ascochyta rabiei</i> Dr. Muhammad Abid, Department of Plant Pathology, Faculty of Agricultural Sciences & Technology, Bahauddin Zakariya University, Multan	Incidence of Sooty Mold on Revival of Cotton Crop in South Punjab Dr. Abdul Hannan, Department of Plant Protection, Ghazi University D G Khan
09:35-09:45	Distribution of PVY Strains across the Punjab Cluster A and B of Potato Production Muhammad Hamza Shahid, Department of Plant Pathology, University of Agriculture Faisalabad	Tissue Culture: A Paradigm for Disease Mitigation in Horticultural Crops Syeda Anum Masood Bokhari, Department of Horticulture, MNS-University of Agriculture, Multan-Pakistan	Plant Nematodes Associated with Crop Plants in Makkah Almokramh Region, Saudi Arabia Fahad A. Al- Yahya, Department of Plant Protection, Collage of Food & Agricultural Sciences, King Saud University, Riyadh. Kingdom of Saudi Arabia.
	Biochemical Profiling of Selected Plant Extracts and Their Antifungal Activity in Comparison with Fungicides against <i>Colletotrichum capsici</i> L. Causing Anthracnose of Chilli Dr. Sajjad Haider, Department of Botany, Government College Women University Sialkot	In-vitro Evaluation of Advanced Wheat Genetic Material against Aggressive Stripe Rust Races. Dr. Saeed Kalvi Wheat Research Sub-Station, Murree	Non-Edible Mangoes Seed Kernel Oil for Sustainable Biodiesel Production Khizar Hayat Bhatti, Department of Botany, Hafiz Hayat Campus, University of Gujrat, Gujrat-50700, Pakistan

09:45-09:55	Phylogenetic, Morphological, and biochemical characterization of <i>Alternaria alternata</i> isolates from different regions in Pakistan	Exploitation of Anti-Oomycete Potential of Phytoextracts against Root Rot of Chilli Caused by <i>Phytophthora capsici</i>	<i>Pasteuria penetrans</i> endospore encumbrance levels on <i>Meloidogyne incognita</i> and soil texture regime influence the hyper-parasitism and population dynamics
	Shagufta Perveen, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan	Safina Iftikhar, Department of Plant Pathology, University of Agriculture Faisalabad Pakistan	Muhammad Kamran, Plant Pathology Research Institute, Ayub Agricultural Research Institute, Faisalabad, Pakistan
09:55-10:05	Evaluation of Adult Plant Resistance to Yellow Rust ( <i>Puccinia striiformis</i> f.sp. <i>tritici</i> ) in Wheat Genotypes Expressing Yr18 and All-Stage Defeated R-genes	The Nutrient Nexus: A Comprehensive Approach to Plant Virus Management"	The Impact of Soil Amendments for Enhanced Crop Safety and Yield
	Shaukat Hussain, Department of Plant Pathology, The University of Agriculture, Peshawar, Pakistan.	Dr Muhammad Ahmad Zeshan, Department of Plant Pathology, University of Sargodha	Amir Afzal, Barani Agricultural Research Institute, Chakwal
10:05-10:15	Transcriptomic Profiling of <i>Ralstonia solanacearum</i> , a Bacterial wilt Pathogen of Tobacco, in Response to Antibacterial Volatiles Emitted by <i>Bacillus velezensis</i> FZB42	Chitosan-mediated copper nanohybrid attenuates the virulence of a necrotrophic fungal pathogen <i>Macrophomina phaseolina</i>	Potato agriculture research station batakundi, naran, a hot spot of potato cyst nematode ( <i>Globodera</i> spp.) In pakistan.
	Hafiz Abdul Samad Tahir, Pakistan Tobacco Board, Ministry of National Food Security & Research, Pakistan.	Qudsia Fatima, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan	Shahid Ahmed, Crop Diseases Research Institute
10:15-10:25	Multifaceted mode of action of Bacillus Strains to Suppress Fusarium wilts of Cotton and to Enhance biomass of Cotton Plants	Importance of Bioinformatics in Medicinal Plants Research: The Pivotal Role of Computational Tools in Revolutionizing Phytochemistry and Agricultural sciences	Seed Bio-Priming with Bacillus Cereus against Fusarium Wilt of Lentil ( <i>Fusarium Oxysporum</i> f. sp <i>lenti</i> )
	Tahir Mehmood, Department of Plant Pathology, The Islamia University Bahawalpur.	Tahir Ali Chohan, Institute of Pharmaceutical Sciences (IPS), University of Veterinary and Animal Sciences (UVAS), Lahore	Muhammad Inam ul Haq, Department of Plant Pathology, PMAS Arid Agriculture University, Rawalpindi. Pakistan
10:25-11:00	<b>Morning Tea /Coffee Break</b>		

11:00	Corner Meeting of Young Phytodoctors Forum, Conference Room, Department of Plant Pathology, IUB.		
Venue & Session Panels	Audio Video Room No 1 Khawaja Ghulam Farid Auditorium Seed and Post-Harvest Pathology Session Chair: Dr. Abdul Rauf Bhutta Co-Chair: Dr. Sajid Aleem	Khawaja Ghulam Farid Auditorium Natural and Chemical Pesticides Session Chair: Dr. Arshad Hussain Co-Chair: Dr. Gulshan Irshad	Khawaja Ghulam Farid Auditorium Conference Room Misc Session Chair: Dr. Abdul Reham Co-Chair: Dr. Farah Naz
11:00-11:15	<b>Keynote</b> Bio-security System & Seed Trade in Pakistan	<b>Keynote</b> Wheat yellow rust! it's possible sustainable management strategies.	<b>Keynote</b> Utilization of <i>Cannabis sativa</i> as an Organic Nematicidal Agent Targeting Root-Knot Nematodes
	Dr. Abdul Rauf Bhutta, Federal Seed Certification & Registration Department, M/o NFS&R, GoP, Islamabad	Dr. Arshad Hussain, Senior Scientist, Regional Agricultural Research Institute, Bahawalpur	Prof. Dr. Tariq Mukhtar, Dean faculty of Agriculture, PMAS-Arid Agriculture University Rawalpindi
11:15-11:25	Identification and Management of Post-Harvest Pathogens of Okra by Aqueous Extracts of Neem and Aloe Vera	Isolation identification and intensity of Alternaria leaf spot of Aloe vera in the vicinity of Tandojam	Fungal infections linked to lesions in grapevine wood in Bahawalpur
	Sundus Akhtar, School of Botany, Minhaj University, Lahore.	Aisha Anum, Plant Protection Department Sindh Agriculture University, Tandojam	Zohaib Ahmad, Department of Plant Pathology, The Islamia University of Bahawalpur.
11:25-11:35	Foliar applied glycinebetaine mediated changes in Isabgol ( <i>Plantago ovata Forsk.</i> ) under water deficit conditions	Integrated Management and Biochemical characterization of Blue mold of Citrus	Surveillance, Monitoring and Evaluations of the wheat against rust and other foliar and seed borne diseases in Pakistan
	Shamsa Rana, Department of Botany, Government College University Faisalabad.	Hafiz Muhammad Usama, Department of Horticultural Sciences, Faculty of Agriculture and Environmental Sciences, The Islamia University of Bahawalpur, Pakistan	Muhammad Fayyaz, Crop Diseases Research Institute, Murree
11:35-11:45	Comparative analysis of fish production under different climatic zones of Punjab	Monitoring of Pomegranate fruit rot disease in District Gilgit Pakistan, and it's in Vitro Management	An Innovative Approach for Spodoptera litura (Lepidoptera: Noctuidae) Control Utilizing Botanical Extracts in Conjunction with ZnO and AgNO <sub>3</sub> Nanoparticles

	Dr. Atta Ullah Khan, Department of Economics, Allama Iqbal Open University, H-8, Islamabad, Pakistan	Hasnain Abbas, Department of Plant sciences, Karakoram International University, Gilgit Baltistan, Pakistan	Muhammad Nasir, Department of Entomology, FAST Bahauddin Zakariya University Multan, 60800, Punjab, Pakistan
11:45-11:55	Plant disease situation of field and vegetable crops in district Vehari of Punjab, Pakistan.	Management of Fusarium wilt of chickpea through different fungicides and plant extracts	<i>Trichoderma harzianum</i> and biochar synergism against Charcoal rot of Maize
	Sohail Akhtar, University of Agriculture Faisalabad, Sub Campus Burewala.	Dr. Hafiz Tassawar Abbas, Department of Plant Pathology, Lasbela University of Agriculture, Water and Marine Sciences, Uthal, District Lasbela, Balochistan, Pakistan	Muhammad Taqqi Abbas, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Quaid-e- Azam Campus, P.O. Box: 54590, Canal Road, Lahore, Pakistan
11:55-12:05	Distribution of Potato Cyst Nematodes from District Skardu, Gilgit Baltistan	Potential Biocontrol Efficiency of Neem Leaf-Based Green-Synthesized Zinc Oxide and Silver Nanoparticles against Citrus Gummosis Caused by <i>Phytophthora nicotianae</i>	Unmasking Mycotoxin Patulin: Impacts on Food Safety, Health, And Mitigation Strategies
	Muhammad Zahid, Department of Plant Pathology, Faculty of Agriculture, University of Poonch Rawalakot, Azad Jammu and Kashmir, Pakistan.	Hadeed Ahmad, Department of Plant Pathology, University of Agriculture Faisalabad Pakistan	Marina Sajid, Institute of Food and Nutritional Sciences, PMAS - Arid Agriculture University, Rawalpindi, Pakistan
12:05-12:15	Fungal Chitinases for the Control of Disease Vectors	Anti-fungal activity of Chitosan Nanoparticles against phytopathogens, <i>Macrophomina phaseolina</i> and <i>Fusarium</i> sp.	Biocontrol potential of <i>Pseudomonas</i> <i>syringae</i> against Charcoal rot disease in <i>Zea</i> <i>mays</i> L.
	Waheed Anwar, Department of Plant Pathology, University of the Punjab, Lahore, Pakistan	Nimra Iqbal, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.	Muhammad Jarrar, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore
12:15-12:25	Genome-Wide Identification of WRKY Transcription Factor in Cucurbita maxima	Microencapsulation of <i>Eucalyptus globulus</i> essential oil anti-fungal sachet against blue mold on peaches	Proteomic analyses of potential defense proteins against <i>Macrophomina phaseolina</i> infection in sunflower plant
	Nadia Jabeen, School of Botany, Minhaj University Lahore	Gulshan Irshad, Plant Pathology Department, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan	Sana Siddique, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan
12:25-12:35	Past Successes and Failures in Rust Control in Pakistan And Future Strategies For Protecting Wheat Crops From Rusts Epidemics	Assessing Bread Wheat Genotypes for Resistance to <i>Puccinia Striiformis</i> f. <i>Sp. tritici</i>	Evaluation of Different Fungicides against Botrytis Grey Mould Disease of Chickpea in Pakistan



	Muhammad Makky Javaid, National Institute for Biotechnology & Genetic Engineering (NIBGE), Faisalabad, Pakistan	Dr. Sajid Mehmood, Department of Plant Pathology, Faculty of Agriculture, PMAS-Arid Agriculture University Rawalpindi.	Misbah Ali, Ayub Agricultural Research Institute Faisalabad.
12:35-12:45	Molecular Characterization of Foliar Diseases associated with Aloevera Plant in Cholistan	Zinc loaded Chitosan Nanocomposites as Potential Antifungal Weapon against root rot disease in <i>Vigna radiata</i>	Differences in host-pathogen interactions among Australian <i>Ascochyta rabiei</i> and chickpea
	Roshaan Ahmed, Department of Plant Pathology, Faculty of Agriculture & Environment, The Islamia University of Bahawalpur, Pakistan.	Uswa Fatima, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab, Lahore, Pakistan	Yasir Mehmood, Environmental Futures Research Institute, School of Natural Sciences, Griffith University, Queensland, QLD, Australia
<b>Venue &amp; Session Panels</b>	<b>Audio Video Lecture Room No 1 Khawaja Ghulam Farid Auditorium</b>	<b>Khawaja Ghulam Farid Auditorium</b>	<b>Khawaja Ghulam Farid Auditorium Conference Room</b>
	<b>Biocontrol</b> Session Chair: Prof. Dr. Saleem Shahzad Dr. Muhammad Nasir Subhani	<b>Natural and Chemical Pesticides</b> Session Chair: Prof. Dr. Tehmina Anjum Dr. Umad ud Din Umar	<b>Disease Resistance</b> Session Chair: Prof. Dr. Saleem Haider Dr. Muhammad Abid
12:45-12:55	<b>Keynote</b> Integration of Regenerative Agriculture Approaches for Food and Fiber Security under Climate Change	<b>Keynote</b> An overview of important Rice Diseases and their Management	<b>Keynote</b> Phenotyping as a Tool to Characterize Disease Resistance
	Head of Research and Education Program, REEDS-Pakistan	Dr. Hafiz Muhammad Imran Arshad, Principal Scientist, NIAB, Faisalabad.	Dr. Kamran Saleem, Principal Scientist, Nuclear Institute Agriculture and Biology, Faisalabad.
12:55-13:05	Phytochemical and Biological Evaluation of <i>Thespesia populnea</i> : A Natural Defense against Plant Pathogens in the Cholistan Desert	Evaluation of Various Neem Products for Anti-Oomycete Activity in Controlling Damping-Off Disease in Papaya Seedlings Caused by <i>Pythium aphanidermatum</i>	Biochar induced resistance in eggplants against bacterial wilt ( <i>Ralstonia solanacearum</i> )
	Muhammad Zia Ur Rehman, Department of Botany, IUB	Hamza Furqan, Department of Plant Pathology, University of Agriculture Faisalabad Pakistan	Adnan Akhter, Department of Plant Pathology, Faculty of Agricultural Sciences, University of the Punjab Lahore
13:05-13:15	Heavy Metal Exposure to Humans Through Fish Consumption from Head Panjnad and Human Health Risk Assessment	Screening and Biochemical characterization of potential oil seed cakes against root Rot pathogens on guar (IN-VIVO) BY Decomposed Method	Race analysis of Stripe rust ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> ) from 2022-23 wheat cropping season

	Adnan A Qazi, Department of Zoology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan	Dr. Ishrat Jahan Ansari, University of Karachi	Muhammad Sufyan, Crop Diseases Research Institute Murree
13:15-13:25	Evaluation of nutrient sources and in-vitro efficacy of fungicides for the management of brown spot of Rice	Study on Ginger Powders to Improve the Growth of Adzuki Beans Against Root Deterioration Fungi	Screening of Turkish wheat germplasm for the detection of a broad-spectrum resistant gene Pm41 to Powdery mildew disease for breeding programs to develop resistant wheat cultivars
	Faisal Jiskani, Department of Plant Pathology Sindh Agriculture University, Tandojam	Dr. Asma Hanif, Department of Botany, University of Karachi	Fatih Ölmez, Faculty of Agricultural Sciences and Technologies, Department of Plant Protection, Sivas University of Science and Technology, Sivas, Türkiye.
13:25-14:30	<b>Closing Ceremony, Chief Guest, Secretary Agriculture South Punjab</b>		
14:30	<b>Lunch</b>		