

# CONFERENCE PROGRAM

## (9<sup>th</sup> and 10<sup>th</sup> October, 2024)

<b>INAUGURAL SESSION (VENUE: AUDITORIUM, UVAS, LAHORE)</b>	
<b>08:00 AM to 09:00 AM</b>	Registration of Participants
<b>09:00 AM to 09:25 AM</b>	Guests to be Seated
<b>09:25 AM to 09:30 AM</b>	Arrival of Chief Guest
<b>09:30 AM to 09:40 AM</b>	Recitation of Holy Quran and Naat
<b>09:40 AM to 09:45 AM</b>	Aims and Objectives of PARACON'24 by Prof. Dr. Muhammad Imran Rashid, Secretary PARACON24
<b>09:45 AM to 09:55 AM</b>	Vote of Thanks by Prof. Dr. Kamran Ashraf, President PARACON24
<b>09:55 AM to 10:05 AM</b>	Welcome Address by VC, UVAS, Lahore.
<b>10:05 AM to 10:20 AM</b>	Address of chief guest
<b>10:20 AM to 10:30 AM</b>	Inauguration of Poster Session/ Stalls Exhibition
<b>10:30 AM to 10:55 AM</b>	Refreshment
<b>Session-I: ONE HEALTH PARASITE</b>	
<b>11:00 AM to 11:25 AM</b>	<b>Presenter-1: Prof. Dr. Guofeng Cheng</b>
	<b>Affiliation:</b> Distinguished Professor, Group leader, Director Pathogen biology and vaccine development Laboratory Institute of infectious diseases and vaccine development Tongji University of China
	<b>Title:</b> <i>Schistosomiasis</i> : understanding basics to accelerate disease Elimination
<b>11: 25 AM to 11:45 AM</b>	<b>Presenter-2: Prof. Dr. Mohamed Aziz Darghouth</b>
	<b>Affiliation:</b> Ecole Nationale de Medecine Veterinaire Laboratoire de Parasitologie, Ecole Nationale de Medecine Veterinaire, 2020 Sidi Thabet, Tunisia
	<b>Title:</b> The Role of Veterinary Medicine in Food Security in Light of the One Health Concept and the WEFN Nexus (Water-Energy-Food-Environment Nexus): An Analysis Focused on Animal and Zoonotic Parasite
<b>11: 45 AM to 12:10 PM</b>	<b>Presenter-3: Prof. Dr. Jorge Enrique Gomez Marin</b>
	<b>Affiliation:</b> Universidad del Quindio Clasificación A1, Universidad del Quindio, Avenida Bolivar 12N, Armenia (Q), COLOMBIA, South America
	<b>Title:</b> Epidemiology and impact of water and food borne <i>toxoplasmosis</i>
<b>12:10 PM to 12:35 PM</b>	<b>Presenter-4: Prof. Dr. Ali Reza</b>
	<b>Affiliation:</b> Faculty of Veterinary Medicine, Bu-Ali Sina University, Hamedan, Iran
	<b>Title:</b> Zoonotic Parasites of Equids
<b>12:35 PM to 12:50 PM</b>	<b>Presenter-5: Dr. Sadia Chaman</b>
	<b>Affiliation:</b> Assistant Professor, IPS, UVAS
	<b>Title:</b> Protective potential of mandarins lyophilized juice against acetaminophen induced toxicity in Wister rats
<b>12:50 PM to 01:00 PM</b>	Questions and discussion
<b>01:00 PM to 02:00 PM</b>	<b>PRAYER AND LUNCH BREAK</b>
<b>02:00 PM to 02:30 PM</b>	<b>POSTERS Round 1</b>
<b>Poster 1</b>	<b>Asmara Imtiaz</b>
	<b>Affiliation:</b> Lecturer, Lahore Garrison University, Lahore
	<b>Title:</b> Fruit Vinegars as Biological Control Strategy against Fruit Born Fungal Pathogens
<b>Poster 2</b>	<b>Sana Aziz Sial</b>
	<b>Affiliation:</b> IBBT UVAS, Lahore
	<b>Title:</b> Monkeypox Infection: The Global Concern of Today
<b>Poster 3</b>	<b>Muhammad Zimran Ali</b>
	<b>Affiliation:</b> IBBT UVAS, Lahore
	<b>Title:</b> Implementation of Polylactic-co-glycolic acid (PLGA) nanoparticle-based vaccine to Vaccinate Gastrointestinal Parasite (Ostertagia) to Reduce Cattle Infection
<b>Poster 4</b>	<b>Sikandar Mustafa</b>
	<b>Affiliation:</b> IBBT UVAS, Lahore
	<b>Title:</b> The implementation of an Automated Dosing System (ADS) within the framework of Precision Livestock Farming (PLF)

Poster 5	<b>Attya Hamaraz</b>
	<b>Affiliation:</b> Department of Biological Sciences, UVAS, Lahore
	<b>Title:</b> The application of CRISPR/Cas9 in targeting the genes of interest in <i>Emeria maxima</i> to control Coccidiosis in Poultry Animals
Poster 6	<b>Muhammad Hassan Khan</b>
	<b>Affiliation:</b> Institute of Biochemistry and Biotechnology, UVAS, Lahore
	<b>Title:</b> Targeted drug delivery systems to treat infections caused by parasites.
Poster 7	<b>Ms. Bushra Javed</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Genetic Characterization of Dermacentor sp. and Associated Anaplasma marginale, Infesting Small Ruminants in Pakistan
Poster 8	<b>Mr. Imdad Ullah</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Status of the genus Haemaphysalis in KP, Pakistan
Poster 9	<b>Mr. Jawad Hussain</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Ticks Collected from Different Animal Hosts and Environment in Selected Areas of Kashmir
Poster 10	<b>Mr. Mehran Khan</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Amblyomma ticks and Associated Borrelia: Insight from Wild Reptiles
Poster 11	<b>Mr. Ejaz Akbar</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Teratological abnormalities in ixodid ticks of Pakistan
<b>Session-II: SUSTAINABLE AGRICULTURE</b>	
02:30 PM to 02:45 PM	<b>Presenter-6: Dr. Fasiha Qurashi</b>
	<b>Affiliation:</b> University of Veterinary and Animal Sciences, Lahore
	<b>Title:</b> Weed infecting monopartite begomovirus <i>Ageratum enation virus</i> and associated DNA-satellites complex first time reported in woody plant ( <i>Morusalba</i> ) from Pakistan
02:45 PM to 03:00 PM	<b>Presenter-7: Prof. Dr. Tehmina</b>
	<b>Affiliation:</b> University of Punjab, Lahore
	<b>Title:</b> Exploring potential of green synthesized nanoparticles to manage plant diseases with reduced application of synthetic pesticides
03:00 PM to 03:15 PM	<b>Presenter-8: Muhammad Azeem Sabir</b>
	<b>Affiliation:</b> Institute of Forest Sciences, The Islamia University of Bahawalpur, Pakistan, Institute of Environmental Studies, University of Karachi, Karachi, Pakistan, Department of Forestry, University of Sargodha, Pakistan, Department of Agriculture Extension Education, The Islamia University of Bahawalpur, Pakistan.
	<b>Title:</b> Evaluating the impact of temporal change and seasonal variability with urban trees on urban environment
03:15 PM to 03:30 PM	<b>Presenter 9: Khajista Jabeen</b>
	<b>Affiliation:</b> Department of Botany, Lahore College for Women University, Lahore, Punjab 54000, Pakistan
	<b>Title:</b> Degradation of ochratoxin producing fungi using <i>Ocimum Bascillicum</i> L.
03:30 PM to 03:45 PM	<b>Presenter 10: Shumaila Farooq, Salik Nawaz Khan, * Sumera Naz, Sana Siddique</b>
	<b>Affiliation:</b> University of Punjab, Lahore
	<b>Title:</b> Investigating charcoal rot infection caused by <i>Macrophomina phaseolina</i> Tassi (Goid) in sesame ( <i>Sesamum indicum</i> L.)
03:45 PM to 04:00 PM	<b>Presenter 11: Madiha Ambreen, Safdar Ali Mirza , Zahida Bano</b>
	<b>Affiliation:</b> School of Botany, Minhaj University, Lahore, Pakistan, Department of Botany, GCU, Lahore, Institute of Plant Molecular and Developmental Biology, Heinrich-Heine-University, Düsseldorf
	<b>Title:</b> Efficacy of fresh plant extracts to control seed borne fungal contamination and therapeutic effect of tannins extracted from the callus culture of <i>Achyranthes aspera</i> as antifungal agent

04:00 PM to 04:15 PM	<b>Presenter 12: Rabia Kalsoom</b>
	<b>Affiliation:</b> Plant Virology Section, Plant Pathology Research Institute, AARI, Faisalabad
	<b>Title:</b> Screening of Different Genotypes/ Lines of Onion against Iris Yellow Spot Virus (IYSV)
04:15 PM to 04:30 PM	<b>REFRESHMENT</b>
08:00 PM to 09:00 PM	<b>GALA DINNER</b>
<b>DAY 2</b>	
<b>SESSION-III: TICKS AND TICK-BORNE DISEASES</b>	
09:00 AM TO 09:20AM	<b>Presenter-13: Dr Abdullah Saghir</b>
	<b>Affiliation:</b> Parasitology, CUVAS
	<b>Title:</b> Insights into the involvement of male Hyalomma anatolicum ticks in transmitting Anaplasma marginale, lumpy skin disease virus and Theileriaannulata
09:20 AM TO 09:40 AM	<b>Presenter-14: Dr Reza Nabavi</b>
	<b>Affiliation:</b> Faculty of Veterinary Medicine, Bu-Ali Sina University, Hamedan, Iran
	<b>Title:</b> Challenges in controlling cattle tick-borne diseases in Sistan-va-Baluchestan province in South Eastern Iran bordering Pakistan and Afghanistan
09:40 AM TO 10:00 AM	<b>Presenter-15: Prof. Dr. Muhammad Sohail Sajid</b>
	<b>Affiliation:</b> University of Agriculture Faisalabad
	<b>Title:</b> Role of reservoir hosts in the ecology of arthropods and arthropod-borne parasitic diseases
10:00 AM TO 10:15 AM	<b>Presenter-16: Dr. Asim Shamim</b>
	<b>Affiliation:</b> Associate Professor, Department of Pathobiology, Faculty of Veterinary and Animal Science, University of Poonch, Rawalakot, AzadKashmir, Pakistan
	<b>Title:</b> Prevalence and Morphological Identification of Ixodid Tick Species Collected from Bovine Population of District Poonch Azad Jammu and Kashmir, Pakistan
10:15 AM TO 10:30 AM	<b>Presenter-17: Dr. Muhammad Adeel Hassan</b>
	<b>Affiliation:</b> Assistant Professor, Department of Parasitology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan
	<b>Title:</b> RPA: an efficient diagnostic tool of vector borne diseases
10:30 AM TO 10:50 PM	<b>REFRESHMENT</b>
<b>SESSION-IV: INFECTIOUS DISEASES</b>	
10:50 AM TO 11:10 AM	<b>Presenter-18: Dr. Mohammad Bagher ROKNI</b>
	<b>Affiliation:</b> Department of Medical Parasitology & Mycology, School of Public Health & Institute of Public Health Research, Tehran University of Medical Sciences, Tehran, IRAN
	<b>Title:</b> The Burden of Parasitic Food Borne Diseases in Asia Countries Unhealthy food cultures and the danger of parasitic diseases
11:10 AM TO 11:40 AM	<b>Presenter-19: Prof. Dr. Wageha Awad</b>
	<b>Affiliation:</b> Clinical Department for Farm Animals and Food System Science, University for Veterinary Medicine Vienna
	<b>Title:</b> Poultry – <i>Campylobacter jejuni</i> : An emerging food safety issue
11:40 AM TO 12:10 PM	<b>Presenter-20: Prof. Dr. Neil Sargison</b>
	<b>Affiliation:</b> The Roslin Institute, The University of Edinburgh, UK
	<b>Title:</b> Can chromosomal genome assemblies help to resolve helminth control challenges facing Pakistani smallholders?
12:10 PM TO 12:25 PM	<b>Presenter-21: Dr. Mohsin Nawaz</b>
	<b>Affiliation:</b> University of Poonch Rawalakot
	<b>Title:</b> First molecular identification and characterization of <i>Theileria luwenshuni</i> in sheep from Azad Kashmir, Pakistan
12:25 PM TO 12:40 PM	<b>Presenter-22: Dr. Furhan Iqbal</b>
	<b>Affiliation:</b> Bahauddin Zakariya University, Multan

	<b>Title:</b> First report regarding <i>Hepatozoon</i> and <i>Lankesterella spp.</i> infection in wildrodents from Pakistan with a note on effect of parasite on blood and oxidative stressmarkers from the vital organs of the host
<b>12:40 PM TO 01:00 PM</b>	<b>Presenter-23:</b> Dr. Farzana abbas
	<b>Affiliation:</b> Department of Fisheries and Aquaculture University of Veterinary and Animal Sciences, Lahore, Pakistan.
	<b>Title:</b> Recent Biodiversity Status of Fishes Inhabiting the Sulaimanki Headworks Punjab Pakistan with Special Reference to Parasitic Diseases, Ecohydrology, Threats and their Conservation Strategies
<b>1:00 PM to 2: 00 PM</b>	<b>LUNCH AND PRAYER BREAK</b>
<b>02:00 PM to 03:00 PM</b>	<b>Poster Presentations</b>
<b>Poster 1</b>	<b>Ms. Hafsa Zahid</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Molecular Detection and Evolutionary Insights of Emerging Tick-Borne Bacterial Fauna in Ticks from Pakistan
<b>Poster 2</b>	<b>Mr. Iftikhar Ahmad</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Spatiotemporal Distribution of Tick Species in the Hindu Kush Mountain Range of Pakistan
<b>Poster 3</b>	<b>Mr. Abdul Majid</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> First Report on Detection and Genetic Characterization of Tick-Borne Rickettsioses in Livestock Holders: Identification of <i>Candidatus Rickettsia shennongii</i> in Pakistan
<b>Poster 4</b>	<b>Mr. Majid Khan</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Molecular Epidemiology and Phylogenetic Analysis of Piroplasm Infections invarious Cattle breeds of Khyber Pakhtunkhwa Pakistan
<b>Poster 5</b>	<b>Mr. Quaid Ali</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> The status of <i>Dermacentor sp.</i> (Ixodidae) and <i>Alectorobius coniceps</i> (Argasidae) in Pakistan
<b>Poster 6</b>	<b>Mr. Sudais Rahman</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Targeting <i>Bartonella henselae</i> for Novel Drug Target Identification and Multi Epitope Vaccine Construction Using Subtractive Proteomics and Revere Vaccinology Approaches
<b>Poster 7</b>	<b>Dr. Zabiullah Khan</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Molecular based confirmation of <i>Anaplasma bovis</i> , <i>Candidatus Anaplasmaboleense</i> and <i>Rickettsia spp.</i> in ticks infesting cattle, goat and sheep
<b>Poster 8</b>	<b>Ms. Aneela</b>
	<b>Affiliation:</b> Abdul Wali Khan university Mardan
	<b>Title:</b> Molecular Detection of Viruses and <i>Rickettsia</i> In Ticks Infesting Cattle In District Charsadda
<b>Poster 9</b>	<b>Taimoor Sikandar</b>
	<b>Affiliation:</b> CUVAS
	<b>Title:</b> Implementation of Machine Learning-based Image Analysis Technology to Develop Decision Support System in Precision Agriculture
<b>Poster 10</b>	<b>Dr. Haider Abbas</b>
	<b>Affiliation:</b> Narowal campus, UVAS
	<b>Title:</b> Economic significance of vector borne parasitic infections in livestock industry: a critical food security concern
<b>Poster 11</b>	<b>Kashif Nazir</b>
	<b>Affiliation:</b> Dept. of Parasitology, UVAS, Lahore
	<b>Title:</b> Acaricidal efficacy of encapsulated eucalyptol particles against <i>Rhipicephalus microplus</i>
<b>Poster 12</b>	<b>Khadija Tariq</b>
	<b>Affiliation:</b> Dept. of Parasitology, UVAS, Lahore
	<b>Title:</b> Sustainable Livestock Protection: Acaricidal Efficacy of <i>Trichoderma longi brachiatum</i> Secondary Metabolites against <i>Rhipicephalus (Boophilus) microplus</i>

<b>Poster 13</b>	<b>Sahib Hussain</b>
	<b>Affiliation:</b>
	<b>Title:</b> Parasitic Plants in Agriculture: Chemical Ecology of Germination and Host-Plant Location as Targets for Sustainable Control: A Review
<b>Poster 14</b>	<b>Fatima Zahra</b>
	<b>Affiliation:</b> Department of Clinical Medicine, University of Veterinary and Animal Sciences, Lahore
	<b>Title:</b> Parasitic Plants in Agriculture: Chemical Ecology of Germination and Host-Plant Location as Targets for Sustainable Control: A Review
<b>03:00 PM to 04:00 PM</b>	<b>CLOSING CEREMONY/VC NOTE</b>