











3rd

INTERNATIONAL ONE HEALTH CONFERENCE ON

One target: Long Term Survial of Human Being Through National Ecosecurity System

November 6-7, 2025

SUB THEMES

- > One Health
- > Health Security & Biosecurity
- > Sustainable Resource Management
- > Renewable Energy Applications
- Livestock Improvement and Species competition
- Climate Change, Mitigation and Adaptation
- Technological Innovations and enterprenurship developmen
- > Industrial Exhibition

Day 1 Thursday, November 06, 2025

INAUGURAL SESSION (CVS & AH AUDITORIUM, GARDEN CAMPUS, AWKUM)

TIMING	ACTIVITY
08:30 - 10:00	Registration / Guest to be Seated / Arrival of Chief Guest
10:00 - 10:10	Recitation from the Holy Quran
10:10 - 10:15	National Anthem
10:15 - 10:20	About the Conference Chief Organizer: Prof. Dr. Sher Bahadar Khan
10:20 - 10:25	Address by the Patron: Prof. Dr. Saleem Ullah Khan
10:25 - 10:30	Welcome Address by: VC AWKUM, Prof. Dr. Jamil Ahmad
10:30 - 10:40	Address by the Chief Guest
10:40 - 10:45	Announcements
10:45 - 10:55	Presentation of Souvenirs
10:55 - 11:05	Group Photo
11:05 - 11:30	Tea

PLENARY SESSION: (11:30 - 1:30) (CVS & AH Auditorium)
Chair: Prof. Dr. Saleem Ullah Khan (Dean FC & LS, AWKUM)
Co-Chair: Prof. Dr. Sher Bahadar Khan (, AWKUM)
Moderator: Dr. Abdul Sajid (CVS & AH, AWKUM)

11'4() - 11'4/	Title: Presentation on NESS Global Report 2024 Pakistan Volume.
	Speaker: Prof. Dr. Subhan Qureshi, Pakistan
	Title: Long-Term Human Survival through National Eco-Security Systems: Building Resilient Food Systems through
11.27 _ 11.//5	EAO Dakistan

11:37 - 11:45 FAO Pakistan

Speckers Drof Dr Muhammad

Speaker: Prof. Dr Muhammad Azam Kakar, Pakistan

Title: Video To drink or not to drink, that is the question: contamination of spring waters with the protozoan

11:45 - 12:52 parasites

Speaker: Prof. Dr Alireza Sazmand (Iran)

12:15 - 12:30 Title: Exosomes as Emerging Trend in Regenerative Medicine

Speaker: Dr. Irshad Khattak

Title: National Eco security system

12:52 - 1:00 Speaker: Prof. Dr Yan Xie (China)

1:00 - 1:07

Title: Integrated Role of Industry, Academia and Regulators to Ensure SDG-3 (Good Health and Wellbeing.

Speaker: Mr. Mian Abdul Rasheed

1:07 - 1:14
Speaker: Dr Faisal Siyal Scientist FDA OHIO STATE University (USA)

Title: video link

Title: video link

1:14 - 1:21 Speaker: Dr Noor Bahadar (China)

Title: Machine Learning Model Based on FTIR Spectroscopy and Chemometrics for the Identification and

1:21 - 1:30 Classification of Thyroid Malignancies

Speaker: Prof. Dr. Agib Jabal

Speaker: Prof. Dr Aqib Iqbal

Tech	nical Session I	
Auditorium CVS & AH (2:30 - 3:45) POULTRY SESSION Chair: Prof Dr. Abid Ali (Zoology , AWKUM) o-Chair: Prof. Dr Ayaz (Biotechnology, AWKUM) oderator: Dr. Asif Hussain (CVS & AH, AWKUM)	Hall 1 CVS & AH (2:30 - 3:45) POULTRY SESSION Chair: Prof Dr. ANWAR HUSSAIN (Botany, AWKUM) Co-Chair: Prof. Dr. Momen Khan (Chemistry, AWKUM) Moderator: Dr. Saira Gul (CVS & AH, AWKUM)	DAY 2 Friday, November 07, 2
Title: The Lethal Sequel: Hemorrhagic Bowel Syndrome	Title: Drinking Arsenic Contaminated Water: Health Impacts	Technical Session II
as a Secondary Fatal Condition in Dairy Animals Speaker: Dr. Shahid Hussain Farooqi Title: Phytochemical Profiling and Antibacterial Evaluation of Essential Oils from Selected Medicinal Plants Speaker: Kashaf Tariq, Muhammad Asad Ali Title: Water and sanitation services sustainability check for improving health ladder in Mardan, northern Pakistan Speaker: Muhammad Younas, AWKUM Title: Diagnostic Value of Adenosine Deaminase (ADA) in Pleural Fluid for Pulmonary Tuberculosis in	 02:30 - and Possible Treatment Technologies in the Context of 02:37 Developing Countries Speaker: Maryam Saad Title: Assessment of vitamin-e and selenium supplementation on reproductive performance, intestinal morphology and egg shell quality in Japanese quail (coturnix japonica) challenged with as and cu toxicity. Speaker: Muhammad Zeeshan, UVAS, Lahore	AUDITIRIUM CVS & AH (9:00 - 10:15) Chair: Prof. Dr. Waheed Murad (Botany, AWKUM) Co-Chair: Dr. Saira gul (CVS & AH, AWKUM) Moderator: Dr. Hammad Ullah (CVS & AH, AWKUM) Moderator: E
High-Burden Settings Speaker: Dr. Maniha Sardar, UVAS Lahore Title: Antimicrobial Efficacy Of Seed Extracts From Trigonella, Salvia, Ocimum, And Coriandrum Against Resistant Pathogens	Title: Repurposing Traditional Medicinal Plants Toward Dual- Target Therapeutics for Alzheimer's Disease and Diabetes Speaker: Muhammad Junaid Yousaf, GPGC Mardan	Title: Antioxidative protection by 10:11 - strawberry and green tea extracts during 10:18 cryopreservation of Sahiwal bull semen. Speaker: Dr. Hazrat Ali
Speaker: Raeesa Wajid Title: First report on isolation and characterization of Bacillus Sp. associated with honey bee brood disease Speaker: Shazia Amin Title: Sero-incidence and pathology of Infectious Bronchitis Virus (IBV) in commercially reared poultry birds in different regions of Khyber Pakhtunkhwa Speaker: Dr Sohaib ul Hassan	O3:00 - O3:07 - Title: Molecular Characterization, Antibiotic Resistance, and Biofilm Formation of Escherichia coli Isolated from Commercial Broilers from Four Chinese Provinces Speaker: Saqib Nawaz Shanghai Veterinary Research Institute Title: Molecular Characterization of Clostridium perfringens and Development of Toxoid Vaccine Speaker: Prof. Dr Sher Bahadar	Title: Prevalence and molecular characterization of cryptosporidium Ba
Title: Targeting Bartonella henselae for Novel Drug Target Identification and Multi Epitope Vaccine Construction Using Subtractive Proteomics and Revere Vaccinology Approaches Speaker: Sudais Rahman, Zoology, AWKUM Title: Water and sanitation services sustainability check for improving health ladder in Mardan, northern Pakistan	Title: Molecular Detection And Evolutionary Insights Of Emerging Tick-borne Bacteria Fauna In Ticks From Pakistan Speaker: Hafsa Zahid Title: Green Synthesis And Antibacterial Evaluation Of Iron Oxide Nanoparticles Using Chia Seed Polysaccharides Speaker: Yaseen, Department of Biotechnology, AWKUM	Title: Prevalence and Risk Factors associated theileriosis and its impact on blood parameters in cattle of district Shangla, Kpk, Pakistan. Speaker: Dr Naimatullah Khan Title: Prevalence and Risk Factors associated put are associated theileriosis and its impact on blood are are associated put ar
Speaker: Muhammad Younas, Department of Environmental Sciences, AWKUM Title: Cress Polysaccharides Mediated Synthesis Of Nickel Oxide And Silver Nanoparticles For Biological Applications	Title: Exploring The Biological Applications Of 03:30 - Exopolysaccharides Derived From Endophytic Speaker: Anam Pervaiz	Title: Characterizations of soot particles 10:32 - and associated public health issues in 10:40 northern Pakistan Speaker: Ms. Shah Dehrai Bibi Title: Characterizations of soot particles 10:32 - 10:40 Speaker: Ms. Shah Dehrai Bibi
Speaker: Afghana Firdous Poster Present Prof. Dr. Subhan Qureshi; Dr. Ta 1. Meeting of Poultry and Livestock Experts	ation Session (2:30 - 3:00) riq Mehmood; Prof. Dr. Sher Bahadar Khan (3:00pm to 4:00pm) (Office of Dr Abdul Sajid CVS & AH) rity System Pakistan (3:00pm to 4:00pm) (Principal CVS & AH Office)	Title: Complete genome sequence of a novel fmH32 variant Escherichia coli LD91- 10:40 - 1 ST1737, recovered from a hepatitis B patient in Yangon, Myanmar Speaker: Dr Zahir Shah, CVS, The University of Agriculture Peshawar
iviceting of Eultonal Committee of National Eco-Secul	DAY 2	TEA (40.45 44.0)

ember 07, 2025

al Session II

Hall 1 CVS & AH (9:00 - 10:15) **BIOSECURITY SESSION** Chair: Prof. Dr. Raham Sher (Biotechnology, AWKUM) Co-Chair: Prof. Dr Aqib Iqbal (Agronomy, AWKUM) Moderator: Dr. Irfan Khattak (CVS & AH, AWKUM)

> Title: Comparative Effects Of Various Infectious Bronchitis Vaccines (Ibv) On The 10:11 - 10:18 Growth Performances And Immunity Of Broilers

Speaker: Dr. Sohaib Ul Hassan

Title: Unveiling the Molecular Mechanism of Bacopa monnieri Against Hepatocellular Carcinoma via the P13/EGFR Axis Speaker: Abdul Qadeer, Department of Cell

Biology, School of Life Sciences, Central South University, Changsha 410013, China Title: Prevalence, clinic-therapeutic trials of pulpy kidney disease(enterotoxemia), and antibiotic resistance pattern of the causative

agent clostridium perfringens type D in goats

of Peshawar and charsadda districts

Speaker: Inam Ul Haq

Title: In silico assessment of cytokinin signal 10:32 – 10:40 transduction in plant-associated microbes Speaker: Wali Samad Khan, Department of Biotechnology, AWKUM

Title: Role of fdhD in the pathogenicity and 10:40 – 10:45 its regulatory characteristics in avian pathogenic Escherichia coli **Speaker: Saqib Nawaz**

TEA (10:45 - 11:00)

Technical Session II Auditorium (CVS & AH) (9:00 - 10:15)

NESS EDITIONAL COMMITTE

Hall 1 (CVS& AH) 9:00 - 10:15) **BIOSECURITY SESSION**

Friday, November 07, 2025

Auditorium Hall CVS & AH(11:00 - 11:30) Session For Industry Academia Presentation and Industrial Exhibition			
(Auditorium Hall CVS & AH) CONCLUDING SESSION (11:00 - 11:30)			
11:00 - 11:30	 Shields, Awards and Certificate Distribution. Recommendations and Vote of Thanks (Chief organizer) Speech by the chief guest 		
	4. Refreshment		