

http://ichs2023.uvas.edu.pk/ https://www.facebook.com/ichsuvas23 https://twitter.com/ichsuvas23 https://www.youtube.com/channel/UCg3dyt3BPYCODpjwM1u2tbg









https://chat.whatsapp.com/DASVTyzohWCIL5uJKxef5V





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CVAS - Jhang Campus

International Conference on Health Security (ICHS)









# Purpose Of CONFERENCE

The service sector is one of the fastest growing branches of the world economy. Our strategy aims to improve professional knowledge in livestock service delivery systems by

Increasing the awareness of Veterinary Professionals to provide animal health and extension services, as well as address some of the historical challenges that are neglected in the curriculum e.g climate change, soil and water conservation, biosecurity and neglected diseases of public health importance.

Updating knowledge of Veterinary professionals and stake holders is mandatory so that they together can play effective role in market oriented production-extension system.

Veterinary Extension is neglected area in service delivery at government level.

Consequently , undergraduate and postgraduate degree programs in veterinary extension are also

lacking in Pakistan . Human resource development is one of strong pillar of livestock policy.

Initiation of degree programs in veterinary extension will cater demand of human resource for

private and public sector. In government setup Animal Health cader is generally referred as

Extension Wing but lacks capacity building of professionals in extension service in principal. The

conference will not only address the gaps in knowledge but will also suggest policy initiative to be

taken in to consideration at government level.

## Table Of CONTENT

Type of Event

International Conference

Title

International Conference on Health Security (ICHS)

Theme

**Health Matters** 

Venue

Crystal Hall Faletti's Hotel Lahore

Date

14th & 15th March 2023

**Focal Persons** 

02

International Speakers

27

**National Speakers** 

53

**Expo of Industrial Partners** 

ICHS - International Conference O4 ICHS - International Conference

### Scope of CONFERENCE

According to economic theory, veterinary experts act as private operators and as an outreach component of veterinary clinics and pharmacies. They provide primary level services in urban and rural areas of Pakistan. Their major role is in providing and strengthening extension services and animal production activities. Vaccination of animals, disease surveillance, and Veterinary public health activities such as rabies control and food safety is also areas where paravets are playing their role. The services provided by professionals in livestock are related with Animal Health and production.

The support services provided by vets include areas of supervision and management of agricultural resources, animal health, genetic improvement, services related to provision of inputs, farm products and their marketing and in research services. Keeping in view the services and sub services offered by vets the neglected areas of soil and water conservation, neglected vector borne diseases of livestock, zoonotic diseases, climate change and livestock along with international trade requirements are few areas that need to be included in capacity building of vets. The conference will provide recommendations in the above mentioned areas and policy initiatives for government line departments for collaborative approach.

### Significance of CONFERENCE

This conference will help in bridging national government departments and private sector to strengthen the collaboration at the human-animal interface. The major significance areas will be:

- 1. Policy coordination (Promotion of interprovincial cooperation and communication mechanism, new cadre development of veterinary extension in government department along with degree initiation by veterinary institutions).
- 2. Facilities connectivity (Improvement of connectivity of infrastructure construction plans and technical standards systems)
- 3. Unimpeded trade (Knowledge on trade barriers and promotion of regional economic integration awareness)
- 4. People-to-people bonds (Cultural and academic exchange and dialogue, media cooperation)
- 5. Neglected Extension services (Biosecurity and neglected diseases of public health significance, climate change, soil and water conservation, dairy goat milk value chain).

This conference aligns with ONE health principle of inter relationship between Animal soil and environment. employing inter disciplinary approach involving animal scientist, geneticist, nutritionist, environmentalist, animal welfares', animal virologist and other health related field of study to assess and apply objective method to optimize the well-being of man, animal and its environment.. Although the Belt and Road Initiative is primarily economic, it also includes important health dimensions. Health is as one of the national policy priorities in Pakistan and China.

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### Linkages with Sustainable DEVELOPMENT GOALS (SDGS)

### 1- Clean Water and Sanitation

Ensuring the availability of water and sanitation for persons with disabilities

### 2- CLIMATE ACTION

Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters

### 3- RESPONSIBLE CONSUMPTION AND PRODUCTION:

Ensure sustainable consumption and production patterns

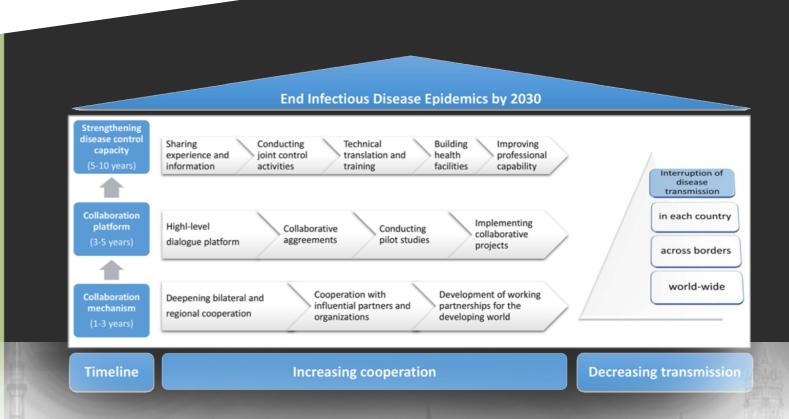
### Fee Structure

Early Bird Registration fee (Faculty &	Upto Febraury 15,2023	3500 Rupees
Participants) Early Bird Registration fee	Upto Febraury 15,2023	2000 Rupees
(Postgraduate Student)	, ,	,
Late Registration fee (Faculty &	From Febraury 16,2023 to	4000 Rupees
Participants)	March 13, 2023	
Late Registration fee (Postgraduate	From Febraury 16,2023 to	2500 Rupees
Student)	March 13, 2023	
On site Registration fee	March 14&15, 2023	5000 Rupees
(Faculty&Participants)		
On site Registration fee	March 14&15, 2023	3000 rupees
(PSostgraduate Student)		

Submission is Online

## Relevance to CPEC

The world is currently witnessing increasingly complex epidemics as well as natural disasters with a rising impact on both human health and the economy .Growing commercial trade following the implementation of the BRI may amplify infectious disease transmission or introduce emerging infectious diseases, leading to an increased burden for local medical systems. Moreover, infectious diseases resulting from poverty disproportionately affect poor and marginalized communities, which remains a more serious hurdle to achieving the SDGs and universal health coverage the building of a Health Silk Road has become a core task leading to an extensive engagement in global health development.



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It is stimulus needed to drive united activities towards universal health coverage (UHC) The Health Silk Road concept establishes the importance of promoting cooperation among the related countries in the prevention and control of communicable diseases, medical system and policies, healthcare capacity building, staff training and exchange, traditional medicine, health education as well as disaster relief, aid, and poverty reduction for health. In this way, building the contextual Health Silk Road would advance political commitment to mobilize all resources for better health, social and economic development. We together need to build a new mechanism for global health, prioritizing the prevention and control of infectious diseases. CPEC has puts us in an excellent position to achieve the health-related aspects of the SDGs as this conference will help us in understanding and implementing the Health Silk Road concept of improved life through health-related communication.

National bridging conference of Veterinary professionals on strengthening collaboration between human and animal health sectors for improved health security will help develop platform of veterinary and human health professionals along with experts from environmental sciences that is lacking in Pakistan. Moreover the conference will strengthen cooperation to work for decrease disease transmission. Climate change has added a new mix of uncertainty to infectious disease survey and prevention globally, noted by the emergence of novel pathogens dispersed from their natural habitat by changing environment or man exploitation and destruction of wild habitat.

The interaction between man's environment and wild could lead to the emergence of new disease from unidentified hosts. Increasing temperature as a consequence of the depletion of ozone caused by greenhouse gas could also have an effect on heat stress susceptibility of farm animals. The expert views of Chinese researchers on the effect of climate change and livestock productions will give an insight on the necessary policy initiatives we require in order to deal with these global challenges. The conference will provide us an opportunity to see public sector initiatives and frame works in China for community awareness, rural e-commerce and extension.

## Organization of CONFERENCE

Nomination of Veterinary and human health professionals from public sector ( at least 10 participants from each province) will be called. The private sector support will also be soughted out on organization of conference. The conference will be Two days event with three sessions per day Two sessions will be organized at Pearl Continental while one session will be at UVAS city campus each day (Four sessions at PC and 2 sessions at UVAS). Local and international speakers will be engaged in person along with online mode (if speaker prefer) Accommodation of international guests will be funded by organizers and arranged at UVAS foreign faculty hostel while local (out of City) speakers will be accommodated at Visiting Faculty Hostel. The accommodation of conference participants will be on payment basis.

### **Important** Dates

Submission of abstracts	February 5, 2023
Notification of acceptance of abstracts	February 10, 2023
Submission of full length papers	February 15, 2023
Early bird registration	February 15, 2023
Late registration	From February 16, 2023 until March 13, 2023
Authors' Registration and submission of PowerPoint presentation	February 18, 2023
Confirmation of hotel booking	February 19, 2023

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### **Expected OUTCOMES**

- 1. Development of National Collaborative group of vets , human health and environmental sciences experts.
- 2. Curriculum and module development for vets in new focus areas (International trade, emerging diseases, soil and water conservation, social mobilization and service delivery by vets, use of e-commerce services and veterinary extension services, etc.)
- 3. Nationwide directory of vets will be developed.
- 4. Development of national website on One Health by Livestock Departments at provincial level where success stories of vets and other need based data will be shared
- 5. The impact of conference will be assessed by Private sector (Altech).
- 6. Development of policy paper on initiation of new cadre of veterinary Extension in Livestock & Dairy Development departments at National Level.
- 7. Dairy Goat Milk value chain will be explored with engagement of smallholder farming communities in value chains in a better way to improve profitability and hence production

### Pre Conference Workshop for ICHS will be held on10th March 2023 at CVAS Jhang Punjab Pakistan

### INTERNATIONAL CONFERENCE ON HEALTH SECURITY (ICHS) CVAS JHANG COMPONENT

Pre Conference Workshop

Understanding challenges to Livestock of Pakistan

### 10th MARCH,2023

Venue: CVAS, Jhang Punjab Pakistan

PRE CONFERENCE WORKSHOP			
Time	Topic	Moderator Name	
08.30 - 09.00	Arrival and Registration of participants	Prof. Dr. Iahtasham Khan	
09.00 - 09.05	Recitation	Dr. Adnan Saeed	
09.05 - 09.15	Welcome address by Principal	Dr. Farhan Ahmad Atif	
09.15 - 09.30	Overview of the workshop By Dr		
	Muhammad Zahid Farooq		
	Address of Chief Guest		
	TEA BREAK		
Session Theme : C	hallenges in the light of welfare of Livestock		
1.30-2.15	Clinical Examination Framework and	Brooke Pakistan	
	animal welfare		
2.15-3.00	Visit to the Corporate Farm if any	ACIAR SR team members (Sharif	
		Dairy Farm	
3.00-3.30	Talk from Progressive Farmer	Rao Faheem Sharif Dairy Farm	
3.30-3.45	3.30-3.45 Tea Break/ice breaker		
3.45-4.00	Parasitic mitigation strategies in animal	Prof. Dr. Muhammad Fiaz Qamar	
	health and production		
4.00-4.15	Vaccination and technology transfer under	Prof. Dr. Syed Ehtisham-ul-Haque	
	CPEC to address animal health issues		
<b>Concluding Session</b>	Concluding Session		
3.45-4.00	Feedback survey (Kahoot / written)		
4.00-4.15	Concluding remarks from chief guest		
4.15-4.30	Concluding remarks from Principal CVAS		
	Jhang		
04-30-4.45	Distribution of souvenirs		
Group Photo			

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### International Conference on Health Security (ICHS) 14<sup>th</sup> and 15<sup>th</sup> March 2023 Theme: Health Matters

14th March 2023			
	08:00 - 9:00	Registra	tion and Guests to be seated
	09:00 – 11:00 inaugural Cer Recitatio Welcome Address Prof. Address by Secreta Address by Chi Vote of Thanks Prof Dr	n Dr. Nasim Ahmad ry Livestock ef Guest	
	11:00- 11:30 00 Tea/Coffee		Tea
	Plenary Session (C (11:30-14: Topic: Improved He Chairman: Prof. Dr. M Co-Chairman: Prof. Dr. M Moderator: Dr. A	alth Security anzoor Ahmad . Nasim Ahmad	
TIME	TITLE		SPEAKER
11:30-11:50	One Health and Global Food Security		Dr. Sagar Goyal Professor Veterinary Diagnostic Lab, University of Minnesota USA Goyal001@umn.edu.pk
11:50 -12:10	Thiram -induced hyperglycemia causes tibial dyschondroplasia by triggering aberrant ECM r broiler chickens.	emodeling via the gut-pancreas axis in	Jiakui Li Professor/ Vice Dean
			College of Veterinary Medicine, Huazhong Agricultural University, Hubei, PR China lijk210@mail.hzau.edu.cn
12:10-12:30	The Relation Between Oxidative Stress and Common Poultry Diseases in Iraq  Dr. Nahla Mohammad Saeed Vice Dear/ Professor College of Veterinary Medicine, University of Sulaimani, Sulaymaniyah 46001, Iraq nahla.saeed@univsul.edu.iq		
12:30-12:50	Evolution and Interspecies Transmission of Coronavirus		Dr. Shi zheng Li Professor Wuhan Institute of virology ,Chinese Academy of Science zishi@wh.iov.cn
12:50-13:10			Amar Razzaq Associate Professor Business School Huanggang Normal University Huanggang, Hubei, China amar.razzaq@holmail.com
13:10-13:30	Value Addition of Milk and Milk Products the Case of Zambia		Mr. Jestone mhango, Vice principal, Lusaka-Agro-Tech Institute (LATI) Zambia latiregistrar@gmail.com
13:30-13:50	Current Status and Future Trend of Meat Production and Consumption in China		Wangang Zhang Professor Department of Food Science and Engineering, College of Food science and Technology. Nanjing Agriculture University China wangang.zhang@njau.edu.cn
13:50-14:10	Application of Ultrasound Treatment for Processing Meat and Meat Products		Chun Bao Li Professor Dean of College of Food Science and Technology, Deputy Director of the National Center of Meat Quality and Safety Control, Nanjing Agricultural University chunbao.li@njau.edu.cn
14:10-14:30	Integration of Human and animal health and environment ,A key to achieve targets of One Health		Prof.Dr Sohail Saqlain Technical Advisor Public Health sohailsq@yahoo.com
14:30-15:10 Lunch/ Prayer break			
	Technical Session I (Crystal Hall)         Technical Session I (Crystal Hall)           Animal Health-I (15:10-18:10)         Animal Notice Socio-econo           Main Theme: Neglected Vector Borne and Zoonotic Diseases         Main Theme: Creating		nnical Session II (Shalimar Hall) al Nutrition and Feed Resources-I nomic Aspects of Animal Production (15:10-18:10) ing Options in Animal Nutrition and Management nyironment and Seasonal Changes on Animal Nutrition
	Sub Theme: Vector Borne zoonosis  Chairman: Jiakui Li Professorf Vice Dean College of Veterinary Medicine, Huazhong Agricultural University Hubei, PR China Co-Chairman: Prof. Dr. Talat Naseer Pasha Vice Chancellor University of Education, Pakistan Co-Chairman: Prof. Dr. Saima Prof. Dr. Saima		Chairman: Prof. Dr. Talat Naseer Pasha Vice Chancellor niversity of Education, Pakistan
	Prof. Dr. Muhammad Khalid Mansoor Professor/Dean Faculty of Veterinary & Animal Sciences, The Islamia University (IUB), Pakistan Moderator: Dr. Khalid Mehmood	University of Veterina	Dean of Animal Production and Technology, rry and Animal Sciences, Lahore, Punjab, Pakistan Moderator: Dr. Ghazanfar Ali Chishti Lecturer
	Assistant Professor  Department of Clinical Medicine and Surgery, Faculty of Veterinary & Animal Sciences, The Islamia University (IUB), Pakistan	Department of Animal Nutrition,	University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan
15:10-15:30	Neglected Mosquito-borne Zoonotic Infectious diseases in China Dr. Zhang Hui (on line) Associate professor, College of Veterinary medicine, South China Agricultural University, Guangdong, China	Department of Animal Nutrition,	ions for the Dairy Production System in Pakistan Dr. Naveed Ul Haque Associate Professor/Chairman University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan hammad.naveed@uvas.edu.pk
15:30-15:50	Zoonotic Importance of Multidrug Resistant Poultry Pathogens  Dr. Hafiz İftikhar Hussain  Assistant professor, Department of Pathology, Cholistan University of Verlagrang and Anjanal Sciences Bahawalnur	Creating Bio-	waste into Useful Proteins to Feed Animals  Dr. Muhammad Binyameen  Associate Professor  Department of Entomology  Kariya Linkiyasith, Multan Pakistan

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15:50-16:10	Strategy development for heavy metal remediation approach using microalgae and other microbes  Dr. Mujeeb Ur Rehman  Deputy Director, Balochistan Food Authority, Quetta Balochistan, Pakistan mujeebnasar@yahoo.com	Alternative Nutritional Strategies for Backyard-type Chicken Dr. Jibran Hussain Associate Professor Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Jibran.hussain@uvas.edu.pk
16:10-16:30	Neglected Vector Borne Zoonotic Diseases Dr. Rao Zahid Abbas Associate Professor/Chairman Department of Parasitology, Faculty of Veterinary Science University of Agriculture, Faisalabad-Pakistan raoual@hotmail.com	Growing Perennial Grasses for Sustainable Livestock Farming Shahid Farid Chishti Progressive Livestock Farmer Chishtian, Pakistan Mapleleaf189@hotmail.com
16:30-16:50	Epidemiology of Tick-borne Diseases in Pakistan  Dr. Abdul Rehman  Assistant Professor  Department of Epidemiology & Public Health, University of Veterinary and Animal Sciences  Lahore, Pakistan  Abdul.rehman@uvas.edu.pk	Turning Fruit and Vegetable Wastes into Livestock Feed  Dr. Mubarik Mehmood Lecturer Lecturer Department of Animal Sciences, University of Veterinary and Animal Sciences, Sub-Campus Jhang, Punjab, Pakistan Mubarik.mehmood@uvas.edu.pk
16:50-17:10	Challenges in Diagnosis and Treatment of Victor Borne Diseases Dr. Shahid Hussain Farooqi Assistant Professor, University College of Veterinary and Animal Sciences, Narowal, UVAS, Pakistan Shahid.hussain@uvas.edu.pk	Impact of Climate Change on Livestock and Related Food Security Implications- Overview of the Situation in Pakistan and Policy Recommendations  Dr. Hammad Ahmed Hashmi Lt.Col (Retd)  GM (Companion Group) Snam Pharma  drhamnmasdhashmi@gmail.com, drhammnadhashmi.nsm@snampharma.com
17:10-17:30	Ethno Veterinary and Allopathic Treatment Against Mastitis and its Effect on Milk Yield and composition  Dr. Muhammad Rizwan  Bahauddin Zikryea Unuversity "Multan "Pakistan mrizwan@bzu.edu.pk	Precision Feeding Heifers for Environment Friendly Dr. Muhammad Ahmad Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Mahmadiqbal1995@hotmail.com
17:30-17:50	Use of Physiological and Clinical Biomarkers as Indicators of Antibiotic Efficacy Against Lyme Disease in Pet Dogs Dr. Muhammad Usman Pakistan Muhammad usman4949@mail.com University of Veterinary and animal Sciences, Lahore	Animal Nutrition Options During Calamity  Dr. Ghazanfar Ali Chishti  Lecturer  Department of Animal Nutrition, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan
		Ghazanfar.ali@uvas.edu.pk
17:50-18:10	Clinical study on core infections threatening to conservation of Nukri goats <b>Dr Muhammad Zahid</b> IUB , Bahawalpur Pakistan m.zahid@iub.edu.pk	
	Tea Workin	ıg .
	Technical session III (Crystal Hall) Human-Environment-Livestock Nexus (18:10-20:10) Main Theme: Human-Environment-Livestock Nexus Under Climate Change Sub-Theme: Impacts of Climate Change and Human Decisions on Livestock Health and Wellbeing Chairman: Prof. Dr., Yanpeno Cai (on line)	Technical Session IV(Shalimar Hall) Value Addition of Milk (18:10-20:10) Main Theme: Sub-Theme: Chairman: Professor Dr. Salma

Tea Working		
	Technical session III (Crystal Hall) Human-Environment-Livestock Nexus (18:10-20:10) Main Theme: Human-Environment-Livestock Nexus Under Climate Change Sub-Theme: Impacts of Climate Change and Human Decisions on Livestock Health and Wellbeing Chairman: Prof. Dr. Yanpeng Cai (on line) Professor/Associate Dean Institute of Environmental and Ecological Engineering, Guangdong University of Technology, China Co-Chairman: Dr. Salf Ur Rehman Kashif Associate Professor/Chairman Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Moderator: Dr. Syed Aziz Ur Rehman Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan	Technical Session IV(Shalimar Hall)  Value Addition of Milk  (18:10-20:10)  Main Theme:  Chairman:  Professor Dr. Salma  Dean, Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan  Co-Chairman: Dr. Salma Inayat  Chairperson  Department of Dairy Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan  Co-Chairman: Dr. Salma Inayat  University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan  Moderator: Dr. Muhammad Junaid  Lecturer, Department of Dairy Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan
18:10-18:30	Adaptive Grazing Management of Alpine Grasslands in Coping with Climate Change Prof. Dr. Dong Shikui  Dean, School of Grassland Science, Beijing Forestry University, Beijing, China dongshikui@bjfu.edu.cn	The effect of ion environment changes on the protein behavior during Cheese whey ultrafiltration process and its regulation efficiency  Wen-Qiong Wang (Online)  Yangzhou University China
18:30-18:50	Reduced Crude Protein in Poultry Diet and Environmental Sustainability Prof. Dr. Haijun Zhang Professor of Poultry Nutrition Feed Research Institute, Chinese Academy of Agricultural Sciences, P.R. China zhanhaijun@caas.cn	Dairy value addition; A sustainable tool for the uplift of Dairy Sector Dr. Saima Inayat Chairperson/ Associate professor Department of Dairy Technology, University of Veterinary & Animal Sciences, Ravi Campus saima.inayat@uvas.edu.pk
18:50-19:10	Sustainable Grassland and Livestock System in Northern China  Prof. Dr. Guodong Han  College of Grassland, Resources and Environment, Inner Mongolia Agricultural University, Hohhot, China hanguodong@imau.edu.cn	Regulatory requirements & traceability of Dairy Products throughout the supply chain  Ms. Farah Ather  Deputy Director Standards & Accreditations- Punjab Food Authority  Farah_allam@hotmail.com
19:10-19:30	Socioeconomic Causes of Human Wildlife Conflict in CPEC Gateway Region of Northern Pakistan  Dr. Wajid Rasheed  Department of Environmental Sciences, University of Swat, Pakistan wajid@uswat.edu.pk	"Cheese making: A sustainable technology to add value in milk"  Dr. Anjum Murtaza  Director / Associate Professor  University of Sargodha, Sargodha, Punjab  anjum.murtaza@uos.edu.pk
19:30-19:50	Pastoral Land Transformation in Light of Changing Climate: Consequences for Human and Livestock Wellbeing  Dr. Muhammad Khurshid	Dr. Shinawar Waseem Ali Chairman/ Associate Professor, Department of Food Sciences, Punjab University shinawar.foodsciences@pu.edu.pk
	Environmental management and climate change consultant SMC(pvt)Limited,Peshawar ,Pakistan Khurshed75@live.com	Dr. Nasir Ahmad Associate Professor, School of Biological Sciences, Punjab University, Lahore nasirahmad.iags@pu.edu.pk
19:50-20:10	Plastic pollution: A Threat to Livestock Products  Dr. Muhammad Luqman  Assistant Professor  Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan  Muhammad.luqman@uvas.edu.pk	Quality attributes of fruity cheese through minimal whey production technology  Dr. Muhammad Shahbaz  Associate Professor  Department of Food Science and Technology, MNS-University of Agriculture, Multan shahbaz.ft@mnsuam.edu.pk

20:10-22:00	Dinner
15 <sup>th</sup> March,20:	23

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	08:00 – 09:00 Registration/Guests to be seated		
	Technical Session I (Crystal Hall) Animal Health-II and Public Health (9:00-11:20) Main Theme: Emerging Animal and Human Diseases in Pakistan Sub-Theme: Emerging and re-emerging Diseases, Implication of One health on Public Health Chairman: Prof. Dr. Nahia Mohammad Saeed Vice Dean Professor College of Veterinary Medicine, University of Sulaimani, , Iraq nahla.saeed@univsul.edu.iq Co-Chairman: Prof. Dr. Muhammad Ijaz (Animal Health) Professor Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Prof. Saira Atzal (Public Health) Chairperson and Head of Department at Community Medicine and Epidemiology, Director Foreign Affairs and Internal Inikages, Dean, Faculty of Public Health and Preventive Medicine King Edward Medical University, Lahore. Moderator: Dr. Shahid Hussain Farooqi (Animal Health) Assistant Professor, University College of Veteninary and Animal Sciences, Narowal, UVAS, Pakistan Prof Dr Maimoona Chaudhry (Public Health) Department of Epidemiology and Public Health) UVAS, Lahore	Technical Session II (Shalimar Hall) Environment-Health Interface (09:00-11:20)  Main Theme: Issues and challenges towards sustainable livestock production Sub-Theme: Climate-smart livestock production and developing countries  Chairman: Prof. Dr. Muhammad Nafees Professor/Chairman Department of Environmental Sciences, University of Peshawar, Pakistan Co-Chairman: Dr. Fariha Arooj Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Moderator: Dr. Muhammad Luqman Assistant Professor Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Punjab, Pakistan Punjab, Pakistan	
09:00-09:20	Emerging Animal Diseases in China Dr. Kun Li, Associate professor, MOE Joint International Research Laboratory of Animal Health and Food Safety and Institute of Traditional Chinese Veterinary Medicine, Nanjing Agricultural University, China Lk3005@njau.edu.cn	Low-carbon and Nitrogen-saving Metabolic Strategies of Yak in Response to Alpine Nutritional Stress in the Asian Highlands Prof. Dr. Ruijun Long Professor in Ecology and Pastoralism Director, International Centre for Tibetan Plateau Ecosystem Management, Lanzhou University, Lanzhou, China longri@tzu.edu.cn	
09:20-09:40	Evidence Based Medicine for Professionals Dr. Ajaz Rashid (on line)  Chief Executive, East Windsor Animal Hospital 614 Route 33 East, Unit B East Windsor, NJ 08520 Ewah614@gmail.com, Ajazz7862001@yahoo.com	Broiler Chicken Health Production System Prof. Dr. Hongfu Zhang State Key Laboratory of Animal Nutrition (SKLAN), Institute of Animal Sciences (IAS), Chinese Academy of Agricultural Sciences (CAAS), Beijing, China zhanghongfu@caas.cn	
09:40-10:00	Bioethics in Public Health: Present and Future Prof. Saira Afzal Chairperson and Head of Department at Community Medicine and Epidemiology, Director Foreign Affairs and Internal linkages, Dean, Faculty of Public Health and Preventive Medicine King Edward Medical University, Lahore. publications@kernu.edu.pk	Recognizing Topological Attributes and Spatial-temporal Patterns in the Ecological Network of Phoca Largha Based on eDNA Metabarcoding Dr. Yan Xu Associate Professor, College of Marine Science and Technology, China University of Geosciences, Wuhan, China grawain007@163.com	
10:00-10:20	Zoonotic TB beyond mMcobacterium b0vis  Dr. Marcel Behr  Clinician-scientist/ Founding Director of the McGill International TB Centre,USA  Marcel.behr@mcgill.ca	Human Health Risks of Organo-chlorinated Pesticides from Bovine Milk: A Case Study from a Developing Country, Pakistan Dr. Saman Sana Lecturer, Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Punjiab, Pakistan saman saad@uvas.edu.pk	
10:20-10:40	Multiple hosts of SARS-CoV-2.  Dr. Vivek Kapur  Professor of Microbiology and Infectious Diseases / Huck Distinguished Chair Pennsylvania State University Vkapur.psu@gmail.com	Biodiversity Governance and Management in Pakistan: A Way Forward Through the China- Pakistan Economic Corridor  Dr. Akhtar Hussain Lashari  Sukkur IBA University, Sindh, Pakistan  ahussainlashari@gmail.com	
10:40-11:00	Five Major Public Health Issues in Pakistan Prof. Dr. Rabiya Bilal Head of Department Pharmacology and Director ORIC, CMH, LMC and IOD Rabiea_bilal@cmhlahore.edu.pk	GHGs Emission from Various Livestock Production Systems in Pakistan Dr. Syed Aziz Ur Rehman Assistant Professor, Department of Environmental Sciences, University of Veterinary and Animal Sciences, Lahore, Purp Askistan syed.aziz@uvas.edu.pk	
11:00-11:20	Animal and Human Nexus in Regenerative Therapy: One Health Perspective. Dr. Shah Nawaz Sial Department of Anatomy, Faculty of Veterinary Science, University of Agriculture Faisalabad. shahnawazsial@uaf.edu.pk	Abundance of Microbial Flora in Different Rearing Poultry Farms in China Dr. Imran Khan (Pakistan) Assistant Professor, Zoology Higher Education Department, KPK, Pakistan imran_talash76@yahoo.com	
11:20-11:40	Risk Factor Analysis of Coxillosis in Bovine <b>Dr. Zahid Iqbal</b> University Of Veterinary and Animal Sciences , Ravi Campus, Pattoki. Pakistan zahid.iqbal@uvas.edu.pk		

	Working lea		
	Technical Session III (Crystal Hall) Understanding CPEC and its role in addressing food security (1:20-13:20) Main Theme: Current Trends in Food Safety and Food Security Sub-Theme: Policy making on Food Safety and Role of Livestock Chairman: Prof. Dr. Fiaz Qamar Professor and Principal, CVAS, Jhang Co-Chairman: Prof. Dr. lahtasham Khan Moderator: Dr. Muhammad Zahid Farooq	Technical Session IV (Shalimar Hall)  Neglected extension services/ Issues and Challenges to the livestock sector in Pakistan (11:20-13:20)  Main Theme: Current Status and Challenges to Livestock Production in Pakistan Sub-Theme: Management of available resources and Improvement of Production Chairman: Prof. Dr. Azam Co-Chairman: Prof. Dr. Rana Ayub Moderator: Dr. Farhan Ahmad Atif	
11:40-12:00	Strategies' for prevention of mycotoxicosis in poultry Prof Dr. Awad A.Shehata Prophy institute for prophylaxis, Germany/Professor of Avaian diseases University of Sadat city, Egypt shehata@prophy-institute.de	Climate Resilient Livestock/Agriculture: Global Experiences and Lessons for Pakistan Aftab Alam Khan CEO Resilient Future International Islamabad aftab@resilient-future.org	
12:00-12:20	Vaccination and technology transfer under CPEC to address animal health issues Dr. Syed Ehtisham-ul-Haque Professor University of Veterinary & Animal Sciences "Ihang Campus-Pakistan ehtishamsyed@uvas.edu.pk	Challenges/issues In the livestock sector Dr. Muhammad Khalid Farooq Director RCCIB rccsc@live.com, mkhalidg@hotmail.com	

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12:20-12:40	Food Security and Pak-China Cooperation in Agriculture Under Belt and Road Initiative: A Policy Perspective Dr. Muhammad Rizwan Yangz Universily Wuhan China rizwaneou@yangtzeu.edu.cn	Smallholder Small Ruminant Production and Challenges in Pakistan Dr. Muhammad Haroon Muzaffar ACIAR Small Ruminant Project drharoonmuzaffar@gmail.com
12:40-13:00	CPEC and Food Security: Role of Livestock and Poultry Sector Empirical Evidence from Pakistan Dr. Muhammad Zahid Farooq Zahid Farooq@uvas.edu.pk	Value chain: Importance and Scope Syed Hassan Raza CEO Dairy Solutions hassan@dairysolutions.com
13:00-13:10	Effect of Climate Change on Food Security Prof. Dr. Shakeel Bahawauldin Zikria University,Multan Pakistan Shakeelahmad@bzu.edu.pk	Gender-based Value Chains: Women Engagement, Approach and Benefits  Dr. Sumbal Sarfraz  Layyah Campus UVAS, Pakistan  Sunbalsarfraz78@gmail.com
13:10-13:20	Perspectives Role of CPEC in Pakistan's Food Security: Challenges and Opportunities Dr. Muhammad Arshad Associate Professor CVAS Jhang Muhammad.arshad@uvas.edu.pk	Improving small ruminant production by decreasing high mortality in young small ruminants through creep feeding.  Dr. Atta Ul Zia  ACIAR Small Ruminant Project attalph@gmail.com
13:20-13:40	Animal and Human Nexus in Regenerative Therapy: One Health Perspective.  Dr. Shah Nawaz Sial  Department of Anatomy, Faculty of Veterinary Science, University of Agriculture Faisalabad.  shahnawazsial@uaf.edu.pk	Pakistan as social mobilizer for Sustainable Development Goals UNO vision 2030, Challenges and oppurtunities  Dr.Muhammad Azam  Provincial Coordinator: SDGs Academy Pakistan, Assistant Vice President: Shakarganj Food Products Limited  m.azam@sfpl.com.pk
	13:40 – 15:00 Lunch/ f	Prayer Break
	Technical Session V Animal Health-III Main Theme: Contagious Diseases of animals and Their effect on Public Health, Sub-Theme: Prevalence and Diagnostic Techniques for Detection of Contagious Diseases (14:30-17:10) Chairman: Prof. Dr. Muhammad Younus Rana	Technical Session VI Value Addition of Meat & Meat Products Main Theme: Value Addition of Meat and Alternate Protein Sources for Human Nutrition Sub-Theme: Innovative Technologies and Nutritional Supplementation of Meat (14:30-17:10) Chairman: Professor Dr. Saima
	Professor Principal, Narowal Campus University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Co-Chairman: Dr. Rao Zahid Abbas, Associate Prof/Chairman Department of Parasitology, FVS, University of Agriculture Faisalabad. Pakistan Moderator: Dr. Amjad Islam Aqib (Animal Health 111) Assistant Professor, Department of Medicine, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan	Dean Faculty of Animal Production and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Co-Chairman: Dr. Muhammad Hayar Jaspal Chairman Department of Meat Science and Technology University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan Repartment of Meat Sciences, Lahore, Punjab, Pakistan Department of Meat Sciences, Lahore, Punjab, Pakistan Repartment of Meat Science and Technology, University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan
15:10-15:30	Emerging Staphylococcus aureus Infections in Livestock and Impacting Public Health Dr. Amjad Islam Aqib Assistant Professor, Department of Medicine, Cholistan University of Veterinary & Animal Sciences Bahawalpur-Pakistan amjadislamaqib@cuvas.edu	Technological Innovation and Development Trend of Beef Product Processing Dr. Zhu Chaozhi Associate professor Associate Dean, College of Food Science and Technology, Henan Agricultural University, Zhengzhou, China zhuchao
15:30-15:50	Prevalence of Arbovirus Antibodies in Healthy Adult Population of Pakistan Dr. Ali Zohaib  Department of Microbiology, IUB Pakistan	Effects of High Level of Dietary Chicken Protein on Body Weight and Adipose Tissue Transcript omics of High fat Induced Rats Dr. Shangxin Song Associate Professor, School of Food Science in Nanjing Xiaozhuang University, China Ssxbxh2005@163.com
15:50-16:10	Detection of Antibiotic Residues of Penicillin and Oxytetracycline in Milk: Challenge for One Health  Dr. Muhammad Ali Raza  Assistant Director, Bureau of Emigration and Overseas Employment, Pakistan alirazakh@gmail.com	Plant Based Meat Analogies to Combat the Food Security- A Nutritional Transition Strategy  Dr. Asad Riaz  United Arab Emirates University as a postdoctoral fellow in the Ministry of Education-funded research project.  Asad_r@uaeu.ac.ae
16:10-16:30	Field Observations, Challenges and Lesson Learnt while Dealing with LSD Epidemics in Khushab Dr. Mukhtar Ahmad Dr. Mukhtar Ahmad DDL Nowshera Lⅅ DDL Nowshera Lⅅ Deputy Director Livestock, Tehsil Naushera, District Khushab, Pakistan vetmukhtar@gmail.com	
16:30-16:50	Infrared Thermography as a Non-invasive Tool to Assess Physiological Response in Heat Stressed Cattle  Dr. Musadiq Idris, Assistant Professor, Department of Physiology, Faculty of Veterinary and Animal Sciences, The Islamia University of Bahawapur. Pakistan musadiq.idris@iub.edu.pk	Value Added Meat Products – Issues and Challenges <b>Dr. Amna Sahar</b> Associate Professor in University of Agriculture, Faisalabad (UAF), Pakistan amnasahar@uaf.edu.pk
16:50-17:10	Interaction of Fasciola gigantica Legumain-1 Protein (Fg-L-GMN-1) with Goat Monocyte: A Potential Vaccine Candidate Antigen Muhammad Ehsan  Department of Parasitology, FVS,Islamia university Bahawalpur Pakistan Muhammad.ehsan@iub.edu.pk	Effect of Nutritional Supplements in Broiler Diet for Growth Performance and Meat Quality Assessment Dr. Muhammad Ammar Khan Associate Professor of Food Science & Technology, the Islamia University of Bahawalpur, Pakistan ammar@iub.edu.pk
17:10-17:30	Risk assessment of tibial dyschondroplasia and its possible treatment in the poultry industry . <b>Muhammad Fakhar-e-Alam Kulyar</b> Affiliation: College of Veterinary Medicine, Huazhong Agricultural University, China fakharealam/86@mail.hzau.edu.cn	Application of Natural Antioxidants on the Quality of Meat  Dr. Zubair Hussain  Assistant Professor Department of Agriculture and Food Technology, Karakorum International University, Glight 15100, Pakistan Dr.zubairhussain@kiu.edu.pk
17:30-18:00	One Health Paradigm to Combat Zoonotic Health Threats in Pakistan. Prof. Dr Tanveer Ahmad Chairman Clinical Science faculty of Velerinary science Bahauddin Zakaria University Multan. dr.tanveer@bzu.edu.pk	Supplementation of Natural Additives in Meat and Meat Products as Functional Ingredients; A Value Addition Approach for Meat Industry Dr. Raheel Suleman Department of Food Science and Technology, Faculty of Food Science and Nutrition, Bahauddin Zakariya University, Multan, Pakistan. dr.raheel@bzu.edu.pk
18:00-18:20	PPR Threat to Seasonal Nomades:A Neglected Community of Azad Kashmir  Dr. Imtiaz Ahmad  Associate professor  Veterinary medicine PVS, University of Poonch Rawalakot,Pakistan imtiazahmad@upr.edu.pk	Use of Innovative Technologies for Adding Value in Beef Carcasses and Meat Products  Dr. Muhammad Hayat Jaspal  Chairman, Department of Meat Science and Technology  University of Veterinary and Animal Sciences, Lahore, Punjab, Pakistan hayat,jaspal@uvas.edu.pk

(18:20 – 18:50)
Concluding Ceremony
Recitation
secommendation of Conference Prof Dr Jaiku Li
Address by Vice Chancellor UVAS
Address by Lt General Asghar

Vote of Thanks by Prof Dr Aneela Durran Distribution of Shields and Certificates Tea/Coffee ICHS - International Conference ICHS - International Conference

### **Different Committees for the Conference** "Strengthening Collaboration to Improve Health Safety"

### INTERNATIONAL CONFERENCE ON HEALTH SECURITY "ICHS" MARCH 14-15, 2023

### ORGANIZING COMMITTEE

Sr.#	Name	Designation
1.	Prof. Dr. Nasim Ahmad	Vice Chancellor , UVAS Lahore
2.	Prof. Dr. Habib Ur Rehman	Dean, Faculty of Bio-Sciences
3.	Prof. Dr. Saima Naveed	Dean, Faculty of Animal Production & Technology
4.	Prof Dr Muhammad Azam	Dean, Faculty of Life Sciences Business Management
5.	Prof. Dr. Muhammad Younus Rana (DLA.I, T.I)	Principal, KBCMA CVAS, Narowal
6.	Prof. Dr. Muhammad Fiaz Qamar	Principal, CVAS, Jhang
7.	Prof Dr. Aneela Zameer Durrani	Professor of Veterinary Medicine
8.	Prof. Dr. Muhammad Hassan Saleem	Professor of Veterinary Medicine
9.	Prof. Dr. Muhammad Ijaz	Professor of Veterinary Medicine
10.	Dr. Jawaria Ali Khan	Chairperson, Department of Veterinary Medicine
11.	Dr. Muhammad Avais	Assistant Professor, Veterinary Medicine
12.	Dr. Zahid Iqbal	Lecturer, Veterinary Medicine
13.	Dr. Arslan Ahmed	Lecturer, Veterinary Medicine

### 1. Registration Committee

Sr.#	Name	Designation
1.	Dr. Muhammad Avais (Convener)	Associate Professor, Veterinary Medicine
2.	Dr. Amjad Islam Aqib	Assistant Professor, CUVAS, Bahawalpur
3.	Mr. Muhammad Awais Khalid	Lecturer, Dept. of Veterinary Medicine
4.	Muhammad Rizwan	Post-Graduate Student, Dept. of Veterinary Medicine
5.	Ms. Nimmra Rafique	Post-Graduate Student, Dept. of Environment Sciences
6.	Ms. Huda Ishfaq	Post-Graduate Student, Dept. of Environment Sciences
7.	Mr. Muhammad Aftab	Post-Graduate Student, Dept. of Veterinary Medicine
8.	Ms. Sadia Sanaullah	Post-Graduate Student, Dept. of Veterinary Medicine
9.	Ms. Mashal Mehreen	Post-Graduate Student, Dept. of Veterinary Medicine
10.	Ms. Aqsa Arshad	Post-Graduate Student, Dept. of Veterinary Medicine
11.	Mr. Mansoor Mukhtiar	Post-Graduate Student, Dept. of Veterinary Medicine
12.	Mr. Haseen Ahmed	Post-Graduate Student, Dept. of Veterinary Medicine
13.	Dr. Arslan Ahmed	Lecturer, Veterinary Medicine

### 2. Invitation Committee

Sr.#	Name	Designation	
1.	Prof. Dr. Aneela Zameer Durrani (Convener)	Professor of Veterinary Medicine	
2.	Prof. Dr. Asim Khalid Mehmood	Chairman, Department of Small Animal Clinical Sciences	
3.	Prof Dr. Mamoona Chaudhry	Professor, Department of Epidemiology & Public Health	
4.	Prof. Dr. Rana Muhammad Ayyub	Chairman, Dept. of Economics & Business Management	
5.	Dr. Saima Innayat	Chairperson, Department of Dairy Technology	
6.	Dr. Hayyat Jaspal	Chairman, Department of Meat Science & Technology	
7.	Dr. Uzma Farid Durrani	Associate Professor, Dept. of Small Animal Clinical Sciences	
8.	Dr. Khalid Mehmood	Assistant Professor, Islamia University, Bahawalpur	
9.	Dr. Muhammad Luqman	Assistant Professor, Department of Environmental Sciences	
10.	Dr. Muhammad Zahid Iqbal	Lecturer, Dept. of Veterinary Medicine	
11.	Dr. Muhammad Awais	Lecturer, Department of Small Animal Clinical Sciences	
12.	Dr. Muhammad Khawar Bashir	Lecturer, Department of Statistics and Computer Sciences	
13.	Mr. Qasim Hussain	Assistant Director, Office of University Advancement	
14.	Mr. Sohail Abbas	Art Designer, Press & Publication Cell	
15.	Mr. Amjad Mehmood	Deputy Registrar UVAS Lahore	
16.	Mr. Navrrd Malik	Post-Graduate Student, Dept. of Veterinary Medicine	
17.	Dr Imtiaz Rabbani (Organizing Secretary)	Chairman, Department of Physiology	

### 3. Transport & Accommodation Committee

Sr.#	Sr. # Name Designation		
1.	Prof. Dr.Muhammad Ijaz (Convener)	Professor, Department of Veterinary Medicine	
2.	Prof. Dr. Aftab Ahmad Anjum	Institute Microbiology	
3.	Dr. Jawaria Ali Khan	Chairperson, Department of Veterinary Medicine	
4.	Dr. Muhammad Mudassir Ali	Assistant Professor, Institute of Biochemistry & Biotechnology	
5.	Dr. Muhammad Oneeb	Assistant Professor, Department of Parasitology	
6.	Lt. Col. (Trd.) Muhammad Ilyas Alam	Estate Management Officer	
7.	Dr. Arslan Ahmed (Organizing Secretary)	Lecturer, Department of Veterinary Medicine	

### 4. Printing and Publication Committee

Sr.#	Name	Designation	
1.	Prof. Dr. Rana Muhammad Ayub (Convener)	Chairman, Department of Economics & Business Management	
2.	Dr. Syed Saleem Ahmad	Associate Professor (Rtd). Dept. of Veterinary Medicine	
3.	Dr. Muhammad Rizwan	Lecturer, Bahauddin Zakariya University, Multan	
4.	Mr. Imran Abid	Assistant, Dept. of Veterinary Medicine	
5.	Dr. Syed Fahim Ahmed (Organizing	Lecturer, Department of Small Animal Clinical Sciences	
	Secretary)		

### 6. Hall Management Committee

	o. Hall Wallagement Committee			
Sr. # Name		Designation		
1.	Prof. Dr. Muhammad Hassan Saleem (Convener)	Professor, Department of Veterinary Medicine		
2.	Dr. Sehrish Firyal	Associate Professor Institute of Biochemistry & Biotechnology		
3.	Dr. Ayesha Safdar	Associate Professor, Dept. of Veterinary Surgery of Pet Sciences		
4.	Ms. Saman Sana	Lecturer, Department of Environmental Sciences		
5.	Dr. Muhammad Azhar	Post Graduate Student, Department of Veterinary		
6.	Mr. Muhammad Aftab	Post Graduate Student, Department of Veterinary		
7.	Ms. Sadia Sanullah	Post Graduate Student, Department of Veterinary		
8.	Mr. Imran Abid	Assistant, Dept. of Veterinary Medicine		
9.	Dr. Muhammad Zahid Iqbal (Organizing Secretary)	Lecturer, Department of Veterinary Medicine		

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### 6. Refreshment Committee

Sr. #	Name	Designation	
1.	L. Prof Dr Muhammad Ijaz (Convener) Professor, Department of Veterinary Medicine		
2.	Prof. Dr. Muhammad Hassan Saleem	Professor, Department of Veterinary Medicine	
3.	Mr. Syed Faizan Ali Shah	Post Graduate Student, Department of Veterinary Medicine	
4.	Mr. M. Umer Javaid (Organizing Secretary)	Visiting Faculty, Department of Veterinary Medicine	

### 7. Press Coverage Committee

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Sr.#	# Name Designation		
1.	Dr. Muhammad Ali Hamza (Convener)	ener) Assistant Professor, Dept. of Economics & Business Management	
2.	Prof. Dr. Hassan Mushtaq	Chairman, Department of Epidemiology & Public Health	
3.	Dr. Muhammad Iqbal	Assistant Professor, Institute of Continuing Education & Extension	
4.	Mr. Asaad Ghafoor	Digital Media Services Provider – Imperium Media Productions®	
5.	Mr. Basharat Ali Khan Photographer, UVAS, Lahore		
6.	Mr. Nouman (Organizing Secretary)	Public Relation Officer, Press & Publication Cell	

### 8. Scientific Committee

Sr.#	Name	Designation	
1.	Prof. Dr. Aneela Zameer Durrani (Convener)	Professor, Department of Veterinary Medicine	
2.	Prof. Dr. Muhammad Ijaz Professor, Department of Veterinary Medicine		
3.	Dr. Khalid Mehmood	Assistant Professor, Islamia University Bahwalpur	
4.	Dr. Ali Zohaib	Assistant Professor, Islamia University Bahwalpur	
5.	Dr. Fariha Arooj	Assistant Professor, Department of Environmental Sciences	
6.	Dr. Abdul Rehman (Organizing Secretary)	Assistant Professor, Epidemiology & Public Health	

### 9. Stall Management Committee

Sr.#	Name	Designation	
1.	Prof. Dr. Hassan Mushtaq (Convener)	Chairman, Department of Epidemiology & Public Health	
2.	Prof. Dr. Muhammad Hassan Saleem	Professor, Department of Veterinary Medicine	
3.	Dr. Muhammad Avais	Associate Professor, Department of Veterinary Medicine	
4.	Dr. Amjad Islam Aqib	Assistant Professor, CUVAS, Bhawalpur	
5.	Dr. Khalid Mehmood	Assistant Professor, Islamia University Bahwalpur	
6.	Dr. Amir Iftikhar Malik	Assistant Professor, Islamia University Bahwalpur	
7.	Mr. Imran Abid	Assistant, Dept. of Veterinary Medicine	
8.	Dr. Sehrish Firyal (Organizing Secretary)	Associate Professor, Institute of Biochemistry & Biotechnology	

### 10. Finance Management Committee

Sr. #	Name	Designation	
1.	Dr. Muhammad Avais (Convener)	Associate Professor, Department of Veterinary Medicine	
2.	Mr. Muhammad Rizwan Saleem	Director, I.T	
Mr. Imran Abid     Assistant, Department of Veter		Assistant, Department of Veterinary Medicine	
4.	Ch. Muhammad Shafique (Organizing Secretary)	Deputy Treasurer	

### 11. I.T Management Committee

Sr.#	Name	Designation
1.	Mr. Muhammad Rizwan Saleem (Convener)	Director, I.T
2.	Mr. Imran Chohan	Network Manager
3.	Mr. Yasir Amin	System Manager
4.	Mr. Zeeshan Ali	Software Manager
5.	Mr. Muhammad Farooq (Organizing Secretary)	Software Manager

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### SESSION SECRETARIES

Name of Organizer	Session Title	Designation
Prof Dr. Ijaz UVAS	Animal Health – 1	Professor
Dr Khalid Mehmood IUB	Animal Health – 11	Assistant Professor
	Animal Health - 111	
Dr.Ghazanfar Ali Chisti UVAS	Animal Nutrition and Feed Resources	Lecturer
Prof. Saima	Socio-economic aspects of Animal	Professor
	Production	
Dr Syed Aziz ur Rehman	Human-Environment-Livestock nexus	Assistant Professor
	under climate change and Impacts of	
	climate change and human decisions on	
	livestock health and wellbeing	
Dr.Muhammad Zahid Farooq	International Seminar on understanding	Lecturer
	CPEC to help address food security and	
	climate change challenges of Pakistan	
Prof. Dr. Mamoona Chaudhry	Public Health	Lecturer
Dr Muhammad Hayyat Jaspal	Value Addition of Meat and meat products	Associate Professor
Dr Sher Ali		Assistant Professor
Dr Saima Innayat	Value Addition of Milk and Milk Products	Associate Professor
Dr. Muhammad Junaid		Lecturer
	Prof Dr. Ijaz UVAS Dr Khalid Mehmood IUB  Dr.Ghazanfar Ali Chisti UVAS Prof. Saima  Dr Syed Aziz ur Rehman  Dr.Muhammad Zahid Farooq  Prof. Dr. Mamoona Chaudhry Dr Muhammad Hayyat Jaspal Dr Sher Ali Dr Saima Innayat	Prof Dr. Ijaz UVAS Dr Khalid Mehmood IUB Animal Health – 11  Dr.Ghazanfar Ali Chisti UVAS Prof. Saima Socio-economic aspects of Animal Production  Dr Syed Aziz ur Rehman Human-Environment-Livestock nexus under climate change and Impacts of climate change and human decisions on livestock health and wellbeing  Dr.Muhammad Zahid Farooq International Seminar on understanding CPEC to help address food security and climate change challenges of Pakistan  Prof. Dr. Mamoona Chaudhry Public Health  Value Addition of Meat and meat products  Dr Sher Ali  Dr Saima Innayat Value Addition of Milk and Milk Products

		challenges of Pakistan	
4	Dr.Muhammad Zahid Farooq	Issues and Challenges to the Livestock	Lecturer
		Sector in Pakistan	
5	Prof Dr.Ijaz UVAS	Animal Health-111 and Public Health	Professor
	Dr Khalid Mehmood IUB		Assistant Professor
	Prof Dr Maimoona Ch		Professor
6	Dr Hayyat Jaspal	Value Addition of Meat and meat products	Meat Technology











































