

NEWS-BULLETIN

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Workshop on Avian Diseases

The Department of Clinical Medicine & Surgery (CMS) of University of Veterinary and Animal Sciences organised four-day national workshop on "Pathological Readings for Clinicians" under Pak-US Science & Technology project titled "Capacity Building of Neglected Vector-Born Diseases in Livestock" funded by Higher Education Commission. Vice-Chancellor Meritorious Prof Dr Talat Naseer Pasha presided over the concluding ceremony of workshop and distributed certificates and shields among participants and resource persons.

Postgraduate students and faculty members from UVAS and other institutions across Punjab, clinicians,

and stakeholders from poultry sector attended.

Speaking on the occasion, Prof Pasha appreciated the efforts of faculty and stressed the need for developing clinical leadership in veterinary profession. He said such workshops are necessary for networking with renowned experts and sharing innovative knowledge with each other. Speaking about the workshop objectives, Prof Dr Aneela Zameer Durrani emphasized the need for use of clinical reasoning and team work for reliable solutions to disease problems in field. The workshop comprised of six modules, which covered major areas related to blood tests for disease diagnosis.

Aflatoxin contamination affects productive, reproductive performance of cattle: survey



A cross-sectional survey of 30 exotic cattle dairy farms in Lahore and Kasur districts has revealed that over 50% herds are producing milk containing aflatoxin levels greater than 0.5 ppb.

The study has been conducted under a research project of Prof Dr Talat Naseer Pasha and Dr Muhammad Naveed ul Haque of the Department of Animal Nutrition, UVAS, to assess the impact of aflatoxin contamination in the feed and its negative effects on dairy herd performance. The results showed that high aflatoxins reduced milk yield and 3.5% fat corrected milk yield by 14.5 and 23.2%, respectively, resulting into a 23% decrease in the feed efficiency. The number of repeat breeding cows tended to be higher leading to an increase in calving interval of herds with high aflatoxins levels. Number of services per

conception also numerically increased by 35.1%. Mastitis, as a health indicator, numerically increased from 6.44 in low aflatoxin farms to 14.0% in farms with high aflatoxin. The study observed a strong relation between aflatoxin contaminations and different parameters of animal performance, which could be used to improve the farm economics. The survey indicated that dairy farmers need more awareness on detrimental effects of aflatoxins on animal performance and farm economics. Practical and effective strategies should be designed and followed to minimize dietary contaminations both on farm and national levels. The results of the study were presented to commercial dairy farmers and technical field staff of milk processor at UVAS Ravi Campus, Nestle Farms at Sukheki and Kabeerwala plant.

Attends conference in US



Principal Khan Bahadar Choudhry Mushtaq Ahmed College of Veterinary and Animal Sciences Narowal Prof Dr Muhammad Younas Rana attended the "International Conference on Agriculture, Food Science & Technology" at Boston, USA. He presented a paper on the topic "Effects of experimental lead toxicity on hematology & biochemical parameters in Lohi sheep".

Conducts research in Austria

Dr Muhammad Wasim, Associate Professor at IBBT, UVAS, has completed a research



project entitled, "Comparison of glucocorticoids and curcumin as apoptosis inducing agent in T-ALL CEM C7H2 cell line" at Tyrolean Cancer Research Institute, Innsbruck, Austria. This research grant was given by Austrian Agency for International Cooperation in Education and Research.

Hands-on training on Mice-Handling, Tissue Sampling & Oocyte Collection

The credibility and acceptability of results of an experiment using mice depends on how they are handled during trial. Keeping in view its importance, the Department of Anatomy and Histology of UVAS organised a daylong hands-on training on "Mice Handling, Tissue Sampling & Oocyte Collection."

Dean Faculty of Biosciences Prof Dr Habib-ur-Rehman chaired the concluding ceremony of the training and distributed certificates among participants and resource persons. In his address, Prof Habib-ur-Rehman appreciated the department's efforts in arranging such trainings on regular basis.



Chairperson Dr Hafsa Zaneb was the chief organizer of the training and Hafiz Faseeh ur Rehman was the training coordinator. Dr Saima Masood and Dr Mirza Muhammad Usman were the resource persons. Undergraduate and

postgraduate students from Department of Zoology, Government College University Lahore, Department of Food Science & Human Nutrition, Biological Sciences and Biochemistry from UVAS participated in the training.

Pictorial coverage of UVAS activities



Opening ceremony of 16th Annual Interdepartmental Games 2018.



The Vice-Chancellor delivers a lecture to L&DD Punjab officers during a training session at UVAS.



Mr Harish Lokhun, Regional Manager, University of Edinburgh, with the Vice-Chancellor.



The Vice-Chancellor cuts a cake during a ceremony arranged by the NAP in his honour at Ravi Campus.



The Pro Vice-Chancellor awards a medal at AMAL Academy awards ceremony.



Oath-taking ceremony of the Artistry Hub office-bearers for the year 2018-19.



Best Urdu Speaker Majid Nizami Award winning student with Pro Vice-Chancellor and other teachers.



Documents being exchanged after signing an MoU.

HEC's accreditation team visits Food Science & Human Nutrition Department



A delegation from the National Agriculture Education Accreditation Council (NAEAC), Higher Education Commission, Islamabad, visited the Department of Food Science & Human Nutrition of UVAS for accreditation of BS (Hons) Food Science and Technology and MPhil Food and Nutrition degree programmes. Dean Faculty of Bio-Sciences Prof Dr Habib ur Rehman briefed them on history, vision and degree programmes of UVAS. Dr

Sanallah Iqbal briefed the delegation on the Food Science and Human Nutrition degree programs being offered as well as student enrolment. He also highlighted the different departmental activities to produce trained human resource in the domain of Food Science and Nutrition. The delegation visited various labs of the department and human nutrition clinic, etc. The delegation also held a meeting with Pro-Vice Chancellor Prof Rabbani.

Canadian professor visits UVAS

Dr Muhammad Anzar, a distinguished alumni, cryobiologist and professor at the University of Saskatchewan, Canada, visited UVAS City and Ravi Campuses. He held meetings with faculty and students of Theriogenology. He was given a demonstration on Computer Assisted Semen Analysis. He advised DVM students to fully use clinical and allied facilities during their training. He offered UOS collaboration with UVAS.



All Pakistan Qiraat and Naat contests



The Qiraat and Naat Society of UVAS arranged All Pakistan Qiraat and Naat contests. Students from different institutions from across Pakistan participated in the contests. The Punjab University won the team

trophy and was also declared the winner of this contest.

Pro Vice-Chancellor Prof Dr Masood Rabbani chaired the concluding ceremony and distributed shields and certificates among the contest winners.

Participates in conference in Germany



Dr lahtasham Khan, Associate Professor of Epidemiology and Public Health at CVAS, Jhang, participated in an international conference titled "Infectious diseases in 21 Century, global challenges and society" at Friedrich Schiller University, Germany. He presented his poster on "One health updates in Pakistan".

Attends conference in Korea

Mr Muhammad Akmal, Lecturer, Department of Fisheries and Aquaculture,



attended KOFFST international conference organized by Korean Federation of Fisheries Science and Technology Societies, at Busan, Korea. He delivered an oral presentation on "Isolation and characterization of a new bacteriophage infecting fish pathogenic *Aeromonashydrophila*" in fish disease section.

PhD scholarship from Chinese varsity

Mr Ammar Sarwar, lecturer at IPS, UVAS, has earned university scholarship from the Xi'an Jiaotong



University (XJTU), China, to pursue his PhD in Pharmacology. His research focus is on "The Pharmacological Mechanisms of Anticancer Agents Involving Inhibition of Molecular Pathways".

GRE/Fulbright Orientation Seminar at UVAS



The Centre for Education Policy and Administration (CEPA) of the University of Veterinary and Animal Sciences (UVAS) Lahore in collaboration with the United States Educational Foundation in Pakistan (USEFP) organised GRE/Fulbright Orientation Seminar for students and faculty members.

Prof Dr Habibur Rehman, Dean Faculty of Biosciences and Chairman CEPA, presented the welcome address and spoke about the workshop objectives. USEFP Principal Adviser Test Preparation Zeeshan Rahat Qureshi spoke about the importance of GRE, eligibility criteria and its preparation. The seminar was aimed at creating awareness about the Fulbright Scholarship, its eligibility requirements, introduction to GRE and its preparation for final year undergraduate students and postgraduate students.

Dr Sanaullah attends conference in UK

Dr Sanaullah Iqbal, Assistant Professor in the Dept of Food Science and Human Nutrition, UVAS, attended an international conference on "Bioavailability 2018" in Norwich Research Centre, Norwich, United Kingdom. He gave an oral presentation in the conference organised by ELSEVIER and University of East Anglia, UK. The travel grant was given by Punjab Higher Education Commission.



Condolence reference for former CVS principal



The University of Veterinary and Animal Sciences Lahore arranged a condolence reference in memory of former principal of the College of Veterinary Science (CVS) Lahore Capt (R) Dr Muhammad Ashfaq. Vice-Chancellor Prof Dr Talat Naseer Pasha chaired the reference in which family members of the late Capt (R) Dr Muhammad Ashfaq also

participated. The participants prayed for eternal peace of the departed soul and paid rich tribute to his services for the uplift of veterinary profession.

Vice-Chancellor Prof Dr Talat Naseer Pasha, former Vice-Chancellor Prof Dr Manzoor Ahmad and Pro-VC Prof Dr Masood Rabbani paid tribute to the late Dr Ashfaq.

Workshop on 'Cell Culture Techniques'

The Institute of Biochemistry and Biotechnology of UVAS arranged a two days training workshop on "Cell Culture Techniques for the Production of Biologics" funded by Punjab Agriculture Research Board (PARB). Associate Professor Dr Ali Raza Awan was the

principal organizer of the workshop, which was aimed at practical demonstration and hands-on training of different cell culture techniques.

The workshop comprised of two technical and five hands-on training sessions.

Honour for UVAS students



UVAS students Zeeshan Haider Raza and Ahsan Ashraf from the platform of UVAS Qirtas Society won first position, a trophy and cash prize in Bait Bazi Competition at Tariq Aziz Show. University student Maham Zahra represented UVAS Debating Society and won Best Urdu Speaker Majeed Nizami Award in All Pakistan Allama Muhammad Iqbal Bilingual Contest 2018 held at Government College University (GCU) Lahore. Pro Vice-Chancellor Prof Dr Masood Rabbani congratulated them on their achievements and appreciated their efforts.

Award of M. Phil Degrees During Month of November 2018

Name of Student	Department	Supervisor	Title of Thesis
Muhammad Zeeshan Izhar	Microbiology	Dr. Fareeha Akhtar	Pcr Based Screening of Campylobacter Fetus in Dairy Cattle in Lahore District
Muhammad Husnain Ali Alvi	Clinical Medicine	Prof. Dr. Aneela Zameer Durrani	In-Vivo Study of the Effect of Ceftiofur free Crystalline Acid and Ceftiofur (Hcl) on Different Bacterial Diseases in Rabbits
Shahid Khan	Veterinary Surgery	Dr. Naveed Hussain	Comparison of Conventional Sutures, Surgical Glue and Stapling in E Gastroesophageal Junction Stricture in Dogs
Riaz Muhammad	Veterinary Surgery	Dr. Naveed Hussain	Clinico-Biochemical Study of Innovative Injectable Anesthetic Cocktails (Midazolam, Etomidate with Buprenorphine and Nalbuphine) in Dogs
Muhammad Omer Gulzar	Epidemiology and Public Health	Prof. Dr. Masood Rabbani	Microbiological Quality of Meat of Small and Large Ruminants Slaughtered by Different Management Systems
Junaid Ijaz	Pathology	Prof. Dr. Asim Aslam	Isolation of Avian Influenza H9 Virus from Wild Birds and Study their Carrier Potential to Affect Commercial Poultry
Hafiz Muhammad Usman	Animal Nutrition	Prof. Dr. Saima	Utilization of Essential Oils as a Replacement of Antibiotics and their Impact on Growth Performance, Carcass Characteristics and Intestinal Microflora in Broilers.
Mudassir Naza	Livestock Management	Mr. Muhammad Saadullah	Effect of Post Harvest Waste Potatato Feeding on Growth and Health Performance of Sahiwal Male Cattle Calves
Qais Ali	Livestock Management	Dr. Muhammad Qamer Shahid	Effect of Management Practices on Feeding and Lying Behavior of Holstein Cattle During Summer
Nazia Fiaz	Genetics	Dr. Atia Basheer	Detection of Single Nucleotide Polymorphisms in Insulin-like Growth Factor-ii (IGF-ii) Gene and its Association with Growth traits in Lakha and Sindhi Aseel Chicken
Rab Nawaz	Genetics	Dr. Afzal Ali	Detection of Polymorphism in Exon 1 and 4 of Insulin like Growth Factor-1 Gene and its Association with Growth Traits in Lohi Sheep
Asadul Moeed	Meat Science & Technology	Dr. Sher Ali	Effect of Electrical Stimulation and Deboning Time on Quality of Broiler Meat
A Asghar	Environmental Sciences	Dr. Saifur Rehman Kashif	Assessment and Evaluation of Occupational Health and Safety system in Re-Rolling Industry in Lahore
Saba Nadeem	Pharmacology and Toxicology	Dr. Aqeel Javeed	Evaluation of Comparative Antiviral Activity of Ketoprofen, Piroxicam and Ketorolac Against Avian Influenza H9 Virus
Anam Khalid	Pharmacology and Toxicology	Dr. Aqeel Javeed	Evaluation of Comparative Antiviral Activity of Meloxicam, flurbiprofen and Meclofenamic acid Against Avian Influenza h9 virus

Madiha Maqsood	Physiology	Dr. Muhammad Shahbaz Yousaf	Comparison of Oral and Injectable Ferrous Sulphate Treatment on Bio-Markers of Iron Deficiency Anemia in Pregnant Women
Umaar Afzal Gill	Food Safety and Control	Dr. Azmat Ullah Khan	Assessment of Aflatoxin M1 in Various Dairy Products of Lahore
Quratul Ain	Biochemistry	Dr. Abu Saeed Hashmi	Production Of Selenocysteine Through Fermentation by Saccharomyces Cerevisiae
Sultan Mahmood	Biochemistry	Dr. Abu Saeed Hashmi	Bioconversion of Crude/Purified Molasses to Lysine Production Through Submerged Stationary Fermentation by Brevibacterium Flavum
Sadia Manzoor	Biochemistry	Ms. Huma Mujahid	In Vitro Kinetic Study of Physical Adsorption of Ochratoxin a on Yeast Cells Isolated from Yeast Sludge
Madiha Naheed	Molecular Biology and Biotechnology	Dr. Muhammad Imran	Identification of Different Commercially Important Chordates Through Forensically Informative Nucleotide Sequencing of 16s RRNAGene Segment
Shakeel Ahmad	Anatomy & Histology	Dr. Hafsa Zaneb	Single or Combined Effect of Zinc Oxide and Bacillus Subtillison Growth Performance and gut Morphology of Heat Stressed Broiler Chicken

Award of Ph.D Degrees during Month of November 2018

Mumtaz Ali Khan	Clinical Medicine	Prof. Dr. Aneela Zameer Durrani	Clinico-Epidemiology, Molecular Identification and Control of Clostridium Perfringens Infection in Small Ruminants of Selected Districts of Khyber Pakhtunkhwa Province, Pakistan
Muhammad Usman Saleem	Anatomy and Histology	Dr. Saima Masood	Effect of Organic Acid Blend and Prebiotic on Growth Performance, Gut Histomorphometry, Tibia Bone Characteristics, Reactive Oxygen Species, Microbial Count and Expression of Hsp70 in Heat Stressed Broilers.
Muhammad Adil Rasheed	Pharmacology & Toxicology	Prof. Dr. Muhammad Ashraf	Toxicity Profile of Tilmicosin Under in Vitro and in Vivo Conditions



MK Ashfaq delivers a lecture on Natural Products Hepatotoxicity and Prevention.



Conference on Trends and Innovation in Food Processing Technology at Ravi Campus.

World Fisheries Day observed at UVAS Ravi Campus

The Department of Fisheries and Aquaculture of UVAS in collaboration with US Soybean Export Council and American Soybean Association observed World Fisheries Day.

Stakeholders from academia, industry, Punjab Fisheries Department and progressive fish farmers attended the day events held at Ravi Campus, Pattoki. The day started with fish netting. A walk was also arranged. Pro-Vice-Chancellor Prof Dr Masood Rabbani led the walk while Department Chairman Dr Noor Khan, RSN Janjua, representatives from Aquaculture Feed Industry and a number of students and faculty members participated.

The participants also visited stalls of fish value added products prepared by students and appreciated their efforts.

Later addressing a seminar, Prof Rabbani highlighted the importance of



fish and said that aquaculture sector is actively developing like other growing sectors. Mr RSN Janjua spoke about the role of soya-based feed in aquaculture. Lectures were delivered on fish nutrition and hatcheries in Pakistan.

Vision of UVAS

The university aspires to be the nation's leading public sector university with global recognition due to its quality in teaching and research, civic engagement and economic development.

Workshop on 'Pathology of Avian Diseases'

The Department of Pathology of UVAS in collaboration with Charles Louis Davis and Samuel Wesley Thompson DVM Foundation, United States of America, organised a three-day international workshop on "Pathology of Avian Diseases." Pro Vice-Chancellor Prof Dr



Masood Rabbani chaired the concluding ceremony of the training and distributed certificates among the participants. Prof Dr Corrie Brown from University of Georgia, USA, and Vet Pathologist & Adjunct Professor at CL Davis and SW Thompson Foundation Dr Tony Alves, Chairman Department of Pathology Prof Dr Asim Aslam and a number of faculty members and professionals from

different institutions across the country attended the workshop. Prof Dr Masood Rabbani stressed the importance of poultry farms management, which is key to development of poultry. He said UVAS is focusing on technology development for the learning of students and also profitability of poor farming community. The aim was to focus on pathogenesis of diseases.

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(Vice-Chancellor)

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