

# CURRICULUM VITAE

**Dr. Razia Kausar**

**Associate Professor /Chairperson**

Department of Anatomy, Faculty of Veterinary Sciences  
University of Agriculture, Faisalabad, Pakistan

## EDUCATIONAL BACKGROUND

Degree	Subject	Year	Div.	BOARD/UNIVERSITY
PhD	Anatomy	2015		University of Agriculture Faisalabad
M Sc.(Hons)	Anatomy	2001	First	University of Agriculture Faisalabad
DVM	Veterinary science	1999	First	University of Agriculture Faisalabad
H.S.S.C	Premedical	1994	First	Faisalabad Board
S.S.C.	Science	1992	First	Faisalabad Board

## TEACHING AND RESEARCH EXPERIENCE

1. Associate Professor/ Chairperson(BPS-20). Department of Anatomy, , Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan.
2. Working as Assistant Professor (TTS-19) at Department of Anatomy, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan.
3. Worked as Lecturer from 12-4-2003 to 27-10-2016 (BPS-18) at Department of Anatomy, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan.
4. From 22-08-2001 to 11-04-2003 worked as **Teacher** on contractual basis at Department of Anatomy, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan.

## ACADEMIC DISTINCTIONS

Scholarship holder during secondary school, undergraduate and postgraduate classes.

## DISSERTATION TITLES

**PhD:** Comparative reference values of somatic cells, enzymes and some biochemical constituents in the milk from uninfected mammary glands of Nili-Ravi buffaloes, Sahiwal and cross bred cows.

**M.Sc. (Hons):** Gross and microscopic anatomy of mammary gland of one humped camel (*Camelus dromedarius*) under different physiological conditions.

## COMPUTER SKILLS:

M.S. Word, M.S. Excel, M.S. Power point, Corel Draw, Adobe Acrobat, Adobe Photoshop, AutoCAD, Internet, M stat, In page.

Students Supervised

Number of Student Guided		
Post	M.Sc. or equivalent M.Sc. (Hons.) M. Phil	Ph.D.
MAJOR SUPERVISOR	20	2
SECOND MEMBER	15	3

### PROJECTS:

Sr. No.	Title	Funding Agency	Amount (Millions)	Status
1	Comparative anatomical, histological and physio-biochemical analysis of different chicken breeds	NRPU, HEC- 7618	2.3	In progress
2	Physiochemical and Compositional analysis of camel milk	HEC, SRGP- 1668	0.5	Completed
3	Evaluating the Impact of TMR based rations supplemented with Moringa leaves and prebiotic source on lactating cows (As Co-PI)	Academia Industry and Linkages with Nestle Pakistan, 2022	2.33	Completed

### PROFESSIONAL HONORS AND AWARDS

1. Received letter of appreciation from Dean, Faculty of Veterinary Sciences, and University of Agriculture Faisalabad in 2001.
2. Received certificate of appreciation from Dean, Faculty of Veterinary Sciences, and University of Agriculture Faisalabad in 2002.
3. Received certificate of appreciation and shield from Dean, Faculty of Veterinary Sciences, University of Agriculture Faisalabad, for good performance and cooperation during 2003-2004.
4. Received certificate of appreciation and shield from Dean, Faculty of Veterinary Sciences, University of Agriculture Faisalabad, for good performance and cooperation during 2004-2005.
5. Received certificate of appreciation and shield from Dean, Faculty of Veterinary Sciences, University of Agriculture Faisalabad, for good performance and cooperation during 2005-2006.

### MEMBERSHIP OF VARIOUS BODIES/SOCIETIES/ASSOCIATIONS

1. Member of Pakistan Veterinary Medical council.
2. Member Academic Staff Association, UAF, (2001- to date).
3. Member Board of Studies, Department of Anatomy, UAF (2001- to date).

4. Secretary Board of Studies, Department of Anatomy, UAF (2001- to 2006).
5. Member faculty board of studies, FVS, UAF (2009 to date)
6. Member faculty exhibition committee, FVS, UAF ( 2010 to date)

## **ADMINISTRATIVE/ ACADEMIC ACTIVITIES**

1. **External Examiner**, Government College University Faisalabad.
2. **External Examiner**, Gomal University, Dera Ismaial Khan (2001- to date)
3. Served as **Superintendent** Ayesha Siddiqua Hall, UAF (2007 to Aug. 2008)
4. Protocol officer during golden jubilee celebrations of UAF. 2011.

## **PROFESSIONAL TRAININGS/ WORKSHOPS**

### **1.1 International:**

1. Attended the Mevlana Exchange Programme, Selcuk University Konya, Turkey. 3- 16 December, 2016.
2. Community Based Prevention, Detection and Response to All-Hazards Training Program. 14-19<sup>th</sup> August, 2016 held at Malaysia. The Center for Agriculture and food security and preparedness, Institute of Agriculture, University of Tennessee, USA.

### **1.2 National**

1. 1st international conference on poultry processing: Farm to Fork Management. UVAS Lahore. 1-2 November. 2017.
2. One-health International Conference -2017 at UVAS Lahore. 14-16 November, 2017.
3. Two Days international conference on Dairy Animal Health Challenges (DAHC-2018). UAF. 17-18 January, 2018.
4. One day seminar on Investigation of Circulatory Liver Specific MicroRNAs as non-invasive diagnostic biomarkers of Hepatitis: A novel diagnostic tool. UAF. 27 February, 2018.
5. National training Course on HISTOPATHOLOGY (HP\_2018). UAF. 20 April, 2018
6. "National workshop on teaching and research techniques in anatomy" Organized by Department of Anatomy, UAF. 15-16 February, 2017.
7. Capacity building workshop on "Biosafety Measures in Agriculture" organized by ORIC (UAF). 20-21 February. 2017
8. One day workshop on strategic use of Digital Technology in University Instruction. 26<sup>th</sup> October. 2016. U.S-Pakistan Center for Advanced Studies in Agriculture and Food Security in Collaboration with University of California, Davis.
9. Participated the "One day workshop on assessment of Food and Water quality at UAF through Microbiological standards" 24<sup>th</sup> of March 2016, held at Institute of Microbiology, UAF.
10. Participated the "Training of Facilitators (TOF)" Citizenship education and community engagement Programme, Active citizens in collaboration with higher education commission and British Council training of facilitators held at UAF, 7<sup>th</sup> September to 11<sup>th</sup> September 2015.
11. Workshop on "Competitive Grant Writing" held by USPCAS-FSA, UAF. 1<sup>st</sup> June, 2015.

12. Workshop on “R Programme and Self-Assessment Report Writing” held by UAF in collaboration of QEC. 28<sup>th</sup> March, 2015.
13. Workshop “Learning by doing, Tools and Techniques for working as a Team” held by office of the senior tutor office, University of Agriculture, Faisalabad. 2-7<sup>th</sup> May, 2013.
14. “Workshop on Analysis of variance and competitive proposal development” held at institute of animal nutrition and technology, UAF. In collaboration with Pak-US science and technology Cooperation program, Biostatistical Consulting Center, UVAS, Lhr. 27<sup>th</sup> – 29<sup>th</sup> December, 2012.
15. “Basic computer skills development program” held at Department of Computer Sciences, University of Agriculture Faisalabad from 12<sup>th</sup> to 25<sup>th</sup> June, 2003.
16. “Chemical compounds against parasitic diseases” held at Department of Vet. Parasitology from 16<sup>th</sup> to 29<sup>th</sup> July, 2003.
17. “Insecticides and their application” held at Department of Vet. Parasitology from 16<sup>th</sup> to 29<sup>th</sup> July, 2003.
18. Preliminary laboratory procedures held at Department of Vet. Parasitology from 18<sup>th</sup> to 30<sup>th</sup> Aug, 2003.
19. EU/Asia linked project short course on “Livestock ecology, sustainable land use and livestock systems” held at Department of Anatomy UAF in collaboration with Humboldt University Berlin, Germany from 12<sup>th</sup> to 24<sup>th</sup> Jan, 2004.
20. Participated and qualified “Research orientation program on research methodology and analytical techniques” held at University of Agriculture, Faisalabad from 15<sup>th</sup> to 25<sup>th</sup> June, 2004.

## **CONFERENCES/SEMINARS ATTENDED**

1. National training Course on HISTOPATHOLOGY (HP\_2018). UAF. 20 April, 2018
2. International Training Workshop on “Basic Cell Techniques in Mesenchymal Stem Cell Culture and toxicity Assays. Feb. 26-28, 2019. Held at UAF.
3. Orientation of Newly Inducted Faculty. Directorate of Academics & Teaching Resource Center, UAF. 31<sup>st</sup> July to 4<sup>th</sup> August, 2017.
4. International Conference on Food Processing and Entrepreneurship. National Institute of Food Science and Technology, UAF. January 29-30, 2019.
5. Biosafety Measures in Agriculture: Issues and Options. Office of Research, Innovation and Commercialization, UAF. March, 19-20, 2019.
6. Hands on Training Workshop cum Seminar on Mosquitoes and Mosquito-borne diseases. Department of parasitology, FVS, UAF. June, 19, 2019.
7. One day symposium on Nanomedicine: Current Scenario and Future Perspectives. Institute of Pharmacy, Physiology & Pharmacology, UAF. August, 6, 2019.
8. Three days training programme on Statistics for Veterinary and animal Science Using R. Department of Mathematics and statistics, UAF. 17-19 July, 2017.
9. International Conference on Foods of Animal Origin. March 30-31, 2017, NIFSAT, UAF.
10. National workshop on the teaching and research techniques in Anatomy. Department of Anatomy, UAF. February 15, 2017.

11. Capacity building workshop on Biosafety Measures in Agriculture. ORIC, University of Agriculture Faisalabad. February 20-21, 2017 at UAF.
12. One day workshop on strategic use of Digital Technology in University Instruction. U.S-Pakistan Center for Advanced Studies in Agriculture and Food Security in Collaboration with University of California, Davis. 26<sup>th</sup> October.2016.
13. “4<sup>th</sup> International Molecular Biology and Biotechnology Congress & Conference on Life Sciences Research”2015. Held on September 5-6 at Al-Nafees Medical college and Hospital, Islamabad. Pakistan.
14. “Humanistic education in 21<sup>st</sup> Century” One day seminar arranged by Deptt of humanities and social sciences.2014.
15. New Technological Tools and Applications in Biological Research. 26<sup>th</sup> September,2013. Arranged by Bio-Rad Laboratories Inc. USA. in collaboration with UAF.
16. National Equine Breeding Conference. 15<sup>th</sup> March 2012. Arranged by the FVS and Remount Vet. and Farms Crops. UAF.
17. One day Workshop on Communication Skills. 28<sup>th</sup> March 2011. Arranged by Deptt. of humanities and social sciences, UAF.
18. One day symposium on Livestock Production- National and Global Prospective . 17<sup>th</sup> March 2011. FVS, UAF.
19. 30<sup>th</sup> International Congress of Zoology. University of Agriculture, Faisalabad.3<sup>rd</sup> March. 2010.
20. Poultry Conference. University of Agriculture, Faisalabad. 23<sup>rd</sup> March. 2010.
21. International Conference on recent advances in human nutrition with special refrence to vulnerable groups. NIFST. 24<sup>th</sup> Feb, 2010.
22. National conference on Vet. Prospects of ethno-veterinary (traditional) medicine: research and development in Pakistan. 16-17 Feb. 2007.
23. 10.3<sup>rd</sup> National conference on agriculture and animal science, Nov. 21-23, 2006. Age induced changes in the morphometry of the digestive system of Japanese quails (*Coutrnix japonica*).
24. Regional seminar on prevalent and newly emerging poultry disease. 15-16 April, 2002 at University of Agriculture, Faisalabad.
25. 33<sup>rd</sup> all Pakistan science conference, 26-28, Oct. 2002, at University of Agriculture, Faisalabad.

## **EXPERIENCE IN TECHNIQUES:**

1. Light & Electron microscopy
2. Ultrasonography
3. Polymerase chain reaction (PCR)
4. Gel Electrophoresis
5. ELISA
6. RIA
7. Embalming of Animals

## **PUBLICATIONS:**

### 1.3 Papers published in peer reviewed Journals.

1. Sarmad Rehan, Anas Sarwar Qureshi, **Razia Kausar** and Muhammad Kashif Saleemi. Effects of Maternal Undernutrition on Coronary Vasculature of Fetuses and Neonates in Rabbits (*Oryctolagus cuniculus*). Pakistan Veterinary Journal, **2023**, 43(1): 49-54. (2.3).
2. **Razia Kausar**, Amjad Hameed, Huma Jamil, Zafar Iqbal, Sami-Ullah Khan Bahadur, Junaid Jabbar, Aimen Sabir. Comparative analysis of buffalo and cow milk for quality characteristics and  $\beta$ -N-acetyl-glucosaminidase activity in non-infected animals. Emirates Journal of Food and Agriculture. **2023**. 35(3): 203-209. doi: 10.9755/ejfa.2023.v35.i3.2965. (1.1)
3. H. Mumtaz, **Razia Kausar**, Anas Sarwar Qureshi and Huma Jamil. Age-Related Gross and Histomorphometrical Dynamics of Pineal Gland (*Epiphysis cereberi*) Associated with Melatonin Profile in Beetal Goat (*Capra aegagrus hircus*) of Pakistan. Pak Vet J, **2023**, 43(3): 531-536. (2.3)
4. Faryal Israr, M. Tariq Javed, M. Hunain Ahmed, Aira Tariq, Shaza Zarnab, **Razia Kausar**, M. Hassan Tahir, Iram Hina, Md Zulfekar Ali. 2022. **Effect of different doses of acetaminophen through drinking water on body organs and serum biochemical parameters in broilers**. ToxinReviews, <https://doi.org/10.1080/>. (IF 4. 26).
5. Razia Kausar, Sanaullah Khan, Mumtaz Hussain and Junaid Jabbar. 2021. Comparative osteology and morphology of digestive system of misri gold (*Fayoumi* x RIR) and aseel birds. Bioscience Research, 2021 18(4): 2991-2998. ISI indexed (Y category).
6. Zubair Luqman, Nasir Iqbal, Hafiz Muhammad Ali, Muhammad Zahid and **Razia Kausar**. **2020**. Disinfection of corona virus in histopathology laboratories. Clinical Anatomy, Wiley Series. DOI: 10.1002/ca.236. (IF,1.967)
7. Huma Jamil, Zafar Iqbal Qureshi , Mazhar Abbas , Khubaib Ahmed Hashmi , Ghulam Yasin , Muhammad Salman Waqas , **Razia Kausar** , Fizzah Laeeq Lodhi and Ayesha Riaz. 2020. Effects of Gonadotropin Releasing Hormone (GnRH) Administration on Serum Hormonal and Mineral Profiles and Pregnancy Rate during Breeding and Early Non-Breeding Season in Female Dromedary Camel. Pakistan Veterinary Journal, online 9 Dec.,. (IF 1.175).
1. **Razia Kausar**, Sajjid Raza, Mumtaz Hussain and Sami-Ullah Khan Bahadur. 2019. Histometrical and Histological features and variations of GI tract and associated glands with the age variation in pigeon (*Columba livia*) Pak Vet. J. , ISSN: 0253-8318 (PRINT), 573-77. (IF 1.36).
2. Adeel Sarfraz, Anas Sarwar Qureshi , **Razia Kausar** , Muhammad Usman , Mumtaz Hussain and Zaima Umar. 2019. Pre-Hatch Growth and Development of Selected Internal Organs of Japanese Quail (*Coturnix japonica*). Pak. Vet. J., ISSN: 0253-8318 (PRINT), 2074-77. (IF 1.36).
3. **Razia Kausar**, Amjad Hameed , Zafar Iqbal Qureshi and Rehmat-Ullah-Shahid . 2019. Estimation of milk protease,  $\alpha$  esterase and  $\alpha$ -amylase activity from milk of

- Pakistani cattle and Buffalo. Submitted in Journal of Animal and Plant Sciences. Manuscript No.VS-19-0080.(IF0.529)
4. Kausar R., Z. Iqbal, Z. I. Qureshi. 2017 .Puberty, breeding season and factors effecting reproductive performance in camel (A-Review). Animal Science Journal, 8(1): 09-12. Available online at [www.isisn.org](http://www.isisn.org) Online ISSN: 2220-9557.
  5. Ali. M.Z., A. S. Qureshi, M. Usman, **R. Kausar** and M. Khalil Ateeq. **2017**. Comparative Effect of Camel Milk and Black Seed Oil in Induced Diabetic Female Albino Rats. Pakistan Veterinary Journal ISSN: 0253-8318 ), 2074-7764 . (IF1.36)
  6. **Kausar R**, A.Hameed, Z. I. Qureshi and G. Muhammd . **2017**. Comparative Protein Profiling of Milk of Nili-Ravi Buffaloes, Sahiwal and Cross Bred Cows by SDS-PAGE. ISSN: 0253-8318 (PRINT), 73-77. Pak. Vet. J. (I.F 0.877)
  7. Qureshi A. S. , H. M. Saif-Ur-Rahman , M. Z. Ali1 And **R. Kausar**. **2016**. Changes In Testicular Histomorphology And Serum Testosterone Concentration Of Helmeted Guinea Fowl (*Numida Meleagris*) During Different Reproductive Phases In Pakistan. The J. of Anim. & Plant Sciences, 26(2): Page: 564-568. (0.594).
  8. **Kausar R.**, A. S. Qureshi, M. Z. Ali, M. K. Ateeq and M.Usman. **2016**. Age induced changes in the microscopic anatomy of the digestive system of Japanese quails (*Coutrnix japonica*). Bioscience Research, 13(1): 26-31.Available online at [www.isisn.org](http://www.isisn.org) .ISSN: 1811-9506
  9. **Kausar R**, G Muhammad, ZI Qureshi and F Mahmood. **2015**. Comparative protein profiles of milk of nili-ravi buffaloes, sahiwal and crossbred cows. Vol: 25, No.3. The J. of Anim. and Plant Sci. (impact Factor 0.594).
  10. Bhatti S. S., M. T. Javed , **R. Kausar** , F.Deeba , F. Akhtar and A. Rasool .**2015**. Urea and copper sulphate in different combinations alter haematology and some serum proteins in broilers. Pak. J. Agri. Sci., Vol. 52(2), 539-544; 2015 ISSN (Print) 0552-9034, ISSN (Online) 2076-0906 <http://www.pakjas.com.pk>. (impact Factor 1.054)
  11. Akhtar F. & M.T. Javed1 & A.Rehman.M.N. Khan2 & P. Akhtar & S. M. Hussain, M.S. Aslam,**R. Kausar**, M. Qamar & M.Cagiola.**2015**. The use of PCR technique in the identification of Mycobacterium species responsible for bovine tuberculosis in cattle and buffaloes in Pakistan. Trop Anim Health Prod. Vol. 47, [Issue 6](#), pp 1169-1175. (impact Factor 0.817)
  12. Tariq A, Shahzad A, **R Kuasar**, Mehfooz A, Manzoor A, Ijaz M, Rashid I, Mahmood N, Tahir J, Zaidi SHT, Fiaz UA and Qureshi MS.**2014**. Gangrenous mastitis; an important staphylococcus aureus related problem in goat husbandry. Adv. Anim. Vet. Sci. 2 (1): 46 – 49.
  13. Tariq A., A. Shahzad, **R. Kausar**, U. A. Fiaz, S. S. Jan. **2013**.An easy Approach towards Diagnosis of Peste des petits ruminants (PPR) through Clinical Examination. Research Journal for Veterinary Practitioners. Special Issue 1: 1 – 3..
  14. Tariq A , A. Shahzad., R. Kausar .Vincristine Sulfate: An Effective Drug against Trans-venereal Tumors. Int. J. of Mol. Vet. Res., Vol. 3, No. 11. 2013.
  15. Javed M. T., M. Wasiq, F.A. Farooqi, A. L. Shahid, **R. Kausar** and M. Cagiola. Certain risk factors associated with positive SCCIT test for tuberculosis in cattle at two cities in Pakistan. Asian Biomedicine Vol. 7 No. 2 April; 267-274.**2013**. (Impact Factor 0.282).

16. Hussain R., M. T. Javed, A. Khan, F. Mahmood and **R. Kausar**. Mastitis and Associated Histo-pathological Consequences in the Context of Udder Morphology. Int. J. Agric. Biol., Vol. 14, No. 6, **2012** . (Impact Factor 0.94).
17. **Kausar R**, A. S. Qureshi and A. Masood. Gross Anatomical Studies of Digestive System of Japanese Quails (*Coturnix japonica*) of different age groups. Pak. J. of Zoology. vol. 42(6), pp. 825-827. **2010**. (Impact Factor 0.338).
18. **Kausar R** and R.U. Shahid. Gross and microscopic anatomy of thyroid gland of one humped camel (*Camelus dromedaries*). Pak. Vet. J., 25(4): 205-206. **2006**.
19. Shahid R.U and **Razia Kausar**. Gross anatomical studies of the skull of one humped camel (*Camelus dromedaries*). Pak. Vet. J., **2005**.
20. Fiaz Ahmad, Muhammad Tariq Javed, Mansoor Abdullah Sandhu and **Razia Kausar**. Effects of higher levels of chromium and copper on broiler health and performance during the peak tropical summer season. Veterinarski Arhiv., 74 (5): 395-408, **2004**.
21. Muhammad Tariq Javed, Muhammad Amir Sarwar, **Razia Kausar**, and Imtiaz Ahmad. Effects of feeding different levels of formalin (37% formaldehyde) and urea on broiler health and performance. Veterinarski Arhiv., 72 (5), 285-302, **2002**.
22. Sarwar AR, RU Shahd, S. Masood, **R. Kausar** and S.G. Shah. Serum electrolytes and enzymes in endometritic Nili-Ravi buffaloes of two age groups and at two stages of lactation. Pak. Vet. J., 22(2): 78-81, **2002**.
23. **Kausar R**, A. Sarwar and C. S. Hayat. Gross and microscopic anatomy of the mammary gland of dromedarius (*Camelus dromedarius*) under different physiological conditions. Pak. Vet. J., 21(4): 189-193, **2001**.
24. Muhammad Tariq Javed, Ahrar Khan, and **Razia Kausar**. Effect of age and season on some semen parameters of Nili-Ravi buffalo (*Bubalus bubalis*) bulls. Veterinarski Arhiv., 70 (2), 83-94, **2000**.
25. Naveed M, MT Javed, A. Khan and **R. Kausar**. Haematological and bacteriological studies in the neonatal lamb mortality. Pak., J. Vet., 19(3): 127-133, **1999**.
26. Javed MT, A. Khan and **R. Kausar**. Influence of age and season on body mass, scrotal circumference and sexual behavior of Nili-Ravi buffalo bulls. Veterinarski Arhiv., 68 (6), 219-229, **1998**.

#### 1.4 Books:

1. Raza S., **R. Kausar** and A. Sarwar. "Anatomy of Digestive System of Pigeon with regard to age". **2012**. Lambert Publishing Company, Germany. ISBN NO. 978-3-8484-1483-3
2. Javed M.T. and **R. Kausar**. "Necropsy Examination" 2<sup>nd</sup> edition **2004**. Imprint: The Elite Scientific Publications, Faisalabad, Pakistan.
3. Javed M.T, A.D Anjum and **R. Kausar**. "Necropsy Examination" 1<sup>st</sup> edition **2003**. Imprint: Maktaba-e-Danishwaran Publications, Lahore Pakistan. ISBN: 969-8322-051.

#### 1.5 Abstracts and poster presentations in conferences/symposia.

1. **Kausar R**, A.Hmeed and Z.I.Qureshi. G.Muhammad. Estimation of Antioxidant Enzymes from Un-infected milk of Nili-Ravi buffalo, Sahiwal and Cross bred cows. International Conference "Foods of Animal Origin. 30-31 March. Organized by



- National institute of Food Science and Technology. UAF. P. 28. International Conference on Foods of Animal Origin. March 30-31, 2017, NIFSAT, UAF.
2. **Razia Kausar** , A.Hameed, Z. I. Qureshi and G.Muhammad Somatic cell count, pH, electrical conductivity and NAGase activity in un-infected milk of Nili-Ravi buffaloes, Sahiwal and Cross-bred cows.Two Days international conference on Dairy Animal Health Challenges (DAHC-2018).UAF.
  3. **Razia Kausara**, Osara Razzaqa, Amjad Hameed and Rehmat-Ullah-Shahid. Physiochemical and compositional analysis of camel (camelus dromedarius) milk International Conference on Food Processing and Entrepreneurship 2019 January 29-30, 2019
  4. **Razia Kausar**, Tauheed-Ullah, Farzana Rizvi and Sami-Ullah Khan Bahdur. Effect of turmeric (*Curcuma longa*) powder on Histomorphometry of digestive system and net body weight gain in broiler chicken. Ist International Conference on Microbiology Infectious Diseases and Health Safety, April3-5, **2019**.Swabi.
  5. Azmat-Ullah, Farzana Rizvi, Ali Hassan, Shah Nawaz, Nasir Mahmood, M.Zulqarnain Shakir, **Razia Kausar** and M. Shahzad Shafiq. Anti viral effect of purpurea Echinacea (Coneflower) in new castle disease infected broiler chicks. Ist International Conference on Microbiology Infectious Diseases and Health Safety, April3-5, **2019**.Swabi
  6. **Razia Kausar**, Tauheed-Ullah and Rehmat-Ullah-Shahid. The Combined Effect Of Ginger And Turmeric Powder On Body Growth, Gross And Histomorphology Of Digestive System Of Broiler Chicken. 4th International Conference On Agriculture Food And Animal Sciences Sindh Agriculture University ,21-22 January **2019**.
  7. Azmat Ullah, Farzana Rizvi, Ali Hassan, Shah Nawz, Nasir Mahmood, M. Wasim Usmani, M. Zulqarnain Shakir, **Razia Kausar**, M. Use of Echinacea purpurea (coneflower) on Growth Performance, Blood Characteristics and Meat Quality in Broilers. International Conference on Food Processing and Entrepreneurship 2019,NIFSAT,UAF January 29-30, **2019**.
  8. A.Hassan, F.Rizvi,MK Saleemi, **Razia Kausar**, N.Mahmood, M.W.Usmani, M.Zulqarnain, S.Nawaz and Ayesha Ramzan. **2018**. Antiviral action of Aqueous Extract of Ocimum sanctum Leaves in Newcastle Disease virus infected Broiler Chicks. International Poultry Science Summit,2018. Shandog Vocational Animal Science and Veterinary College, Weifong China
  9. **Razia Kausar** , A.Hameed, Z. I. Qureshi and G.Muhammad. Identification of good quality indicators based on correlation among different milk parameters in Pakistani Cattle an Buffalo. One-health International Conference -**2017** at UVAS Lahore.
  10. **Razia Kausar** , F.Rizvi, S.Fayyaz, A.G.Qamar, M.Wasim, N.Mahmood and Z.Q.Shakir. **2017**. Effect of Aloe Vera on Carcass Characteristics and Biochemical Parameters of Broiler Chicks. Ist international conference on poultry processing: Farm to Fork Management.UVAS Lahore. Nov 1-2.
  11. **Kausar R.**, A.Hmeed and Z.I.Qureshi. G.Muhammad. **2017**. Estimation of Antioxidant Enzymes from Un-infected milk of Nili-ravi buffalo, Sahiwal and Cross bred cows. International Conference “Foods of Animal Origin. 30-31 March. Organized by National institute of Food Science and Technology. UAF. P. 28.
  12. **Kausar R.**, A.Hmeed and Z.I.Qureshi.**2016**.Comparative reference values for total phenolic contents from milk of healthy Nili-ravi buffalo, Sahiwal and Cross bred

- cows. Proceedings of International livestock dairy and poultry congress, 16-17 April, Lahore. Pakistan.
13. **Kausar R.**, Z.I.Qureshi and G.Muhammad.**2015**. Comparative protein profiling of milk of Nili-Ravi buffaloes, Sahiwal and Cross bred cows by SDS-PAGE. “4<sup>th</sup> International Molecular Biology and Biotechnology Congress & Conference on Life Sciences Research”. Held on September 5-6 at Al-Nafees Medical college and Hospital ,Islamabad.Pakistan
  14. Raza S., **R.Kausar**, A.S.Qureshi and G.Muhammad. **2015**. Histometrical and morphological studies on the digestive tract and associated glands in pigeon (*Columbia livia*) with regard to age. Proceedings of International livestock dairy and poultry congress, 14-15 April, Lahore. Pp 20-21.
  15. **Kausar R.**, Z.I.Qureshi and G.Muhammad.**2015**. Normal somatic cell count,pH and electrical conductivity from milk of uninfected mammary glands of Nili-Ravi Buffalo. Proceedings of International livestock dairy and poultry congress, 14-15 April, Lahore. Pp 23.
  16. **R.Kausar**, A.S.Qureshi, K.Ateeq and M. Usman.**2015**.Age induced changes in the microscopic anatomy of the Digestive system of japenes quails (*Coutrnix japonica*). 2015. Proceedings of International livestock dairy and poultry congress, 14-15 April, Lahore. Pp 32.
  17. **Kausar R** and M.T. Javed. **2005**. Gross and microscopic anatomy of thyroid gland of one-humped camel (*Camelus dromedaries*). 2<sup>nd</sup> National conference on agriculture and animal science. Sindh Agriculture University, Tandojam, Pakistan.
  18. **Kausar R.**, A. Sarwar, R.U. Shahid and S. Masood. **2002**. Glomus organs in the skin of mammary gland of one-humped camel (*Camelus dromedaries*). In: 33<sup>rd</sup> All Pakistan Science Conference, 26-28, Oct. University of Agriculture, Faisalabad Pakistan.
  19. Javed M.T., M. Amir Sarwar, **R. Kausar** and I. Ahmad. **2002**. Effect of feeding different level of formalin (37% Formaldehyde) and urea on boiler heath and performance. Reginal Seminar on prevalent and newly emerging poultry diseases. April 15-16. University of Agriculture, Faisalabad Pakistan.

## 1.6 Popular articles

### 1.6.1 English

1. Qureshi A.S., M. Z. Ali, M. Usman and **R. Kausar**. Camel Milk as an Antidiabetic Agent. Veterinary News and Views. Vol.23 No. 10. March **2017**.
2. **R. Kausar**, R. U. Shahid, M. Usman and Z. Ali. Camel Milk: A Blessing. Veterinary News and Views. 24-31<sup>st</sup> December. **2016**.
3. **R. Kausar**, M. Usman and M. K. Ateeq. Kranjwa. (Pongamiapinnata): A useful Herb. Agro Vet. News.Vol.23 No.02,July.**2016**
4. M. Usman, **R. Kausar** and M.K. Ateeq. Major winter diseases of cattle and buffalo in Pakistan. Veterinary News and Views. 8-14<sup>th</sup> January.**2015**.
5. **R. Kausar** and M.K.Ateeq. Zinc for Life. Veterinary News and Views. 8-14<sup>th</sup> December. **2014**.
6. M. Baqir, **R. Kausar** and Obaid-ur-rehman. Foot and Mouth disease, etiology, treatment, prevention and control.<http://pakterdairyinfo.com/articles.htm>. 17April **2013**.

7. M. Zohaib Ali, **R. Kausar** and S.Rehan. Biology of Rabbits in Pakistan. Vety. News and Views, 7<sup>th</sup> -16<sup>th</sup> November. **2012**.
8. R. Sarmad, A. Sarwar, **R. Kausar**. Stem Cells , A hope for the endangered species Vety. News and Views. 16-23 August. **2012**.
9. Rehan S., A.S.Qureshi and **R. Kausar**. Factors affecting milk yield. An overview. Agro Vet. News. Vol.23 No.2. May **2011**.
10. **Kausar R** and A. Liaquat. Aflatoxins. Agro Vet. News. **2008**.
11. **Kausar R**. Diabetes in feline and canines. Agro. Vet. News. Oct. **2005**.

#### **1.6.2 Urdu**

1. S. Rehan, Z. Ali, A.S.Qureshi and **R. Kausar**. Doodh ki padawar per asar andaz honay walay awamel, aik jaiza. Zarai Digest:47.(1) **2012**.
2. Sarfraz A. and **R. Kausar**. Gal Ghotto, ehmiat, bachaio k tareekay or elaj. Kisan Time. July. 39-40. **2011**.
3. Malik Z. and **R.Kausar**. Kharghosh, safaid lehmiat ka eham mutbadil zaria. Zarai Digest. April. 63. **2011**.
4. **Kausar R**. and H. M. Ahmad. Lucien (Queen of Fodders). Zarai Digest. 43(3&4):47. **2009**.
5. **Kausar R.**, A.S. Qureshi and M. Irfan. Muwashian main jaraseemi amraz say bachao k liay hifazati teeka jaat ka istamal. Zari Digest. 40(4): 75-76. **2006**.

### **ADMINISTRATIVE EXPERIENCE**

1. Assist the dean FVS to look after the duties of Chairman, Department of Anatomy from 16-4-2018 to 25-4-2018.
2. Assist the dean FVS to look after the duties of Chairman, Department of Anatomy from 8-7-2017 to 2-8-2017.
3. Assist the dean FVS to look after the duties of Chairman, Department of Anatomy from 26-6-2017 to 1-7-2017.

### **COMMUNITY SERVICE AWARD.**

1. Won the **Best Social Action Project, 2017**, Citizenship Education and community engagement Programme at National SAP's Showcasing event, May, 2017 held by British council, Islamabad, Pakistan.

### **PEER REVIEW SERVICES**

#### **International Journals**

1. **Reproduction in Domestic Animals**, by Web of Science.
2. **Annals of Animal Science**.
3. **Bioscience Research**, ISI Indexed Journal.
4. **MDPI journals**.

#### **Competitive project proposal**

1. Endowment Fund Secretariat

## **ADVISORY AND COMMUNITY SERVICES**

1. **Academic Co-advisor** (DVM) FVS, University of Agriculture Faisalabad.
2. **Tutor**, TGM Liaqat-2, University of Agriculture Faisalabad.
3. **Member**, Exhibition committee at Kisan Mela held at UAF.
4. **Convener**, Vigilance Committee, winter semester 2016-17,18,19.
5. **Delivered seminar** in Faculty of Veterinary Science, UAF on March 4, 2017.
6. **Hall Management** during 5<sup>th</sup> Lyallpur Art and Literature Festival-March 26-31, 2017.
7. **Hall Management** during the Tele film Chashm-e-Nam. 27-02-2017 at Iqbal Auditorium. UAF
8. **Member**, Faculty Invigilation Committee, spring semester Examinations 2017,18-19.
9. **Member of Faculty vigilance Committee**, FVS. UAF. 2016-17,18,19.
10. **Examiner of Written and oral comprehensive** examination of Mrs. Zaima Umer, Reg.No.2007-ag-1535, PhD student of Anatomy, UAF.
11. **Examiner of Written and oral comprehensive** examination of Mr. Faisal Rasheed Anjum, Reg.No.2009-ag-3381, PhD student of Institute of Microbiology, UAF.
12. Member of **Registration and Finance Committee**. In Dairy Animal Health Challenges, 17-18 January 2018.