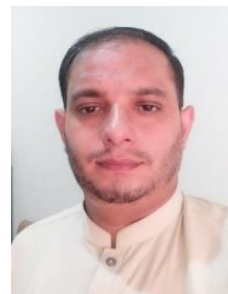


CURRICULUM VITAE



Mr. MUHAMMAD SAJID (DVM) (M.Phil. Anatomy)

Lecturer, Department of Anatomy and Histology, Faculty of Bio-Sciences, Cholistan University of Veterinary & Animal Sciences (CUVAS) Bahawalpur, Punjab, Pakistan

Postal Address: Department of Anatomy and Histology, Faculty of Bio-Sciences Cholistan University of Veterinary & Animal Sciences (CUVAS) Bahawalpur, 63100, Punjab, Pakistan.

Cell No: +92-332-6469036

E-mail ID: msajid@cuvas.edu.pk , m.sajid241@yahoo.com

Web Address- IDs

Research Gate Link: <https://www.researchgate.net/profile/Muhammad-Sajid-48>

Linkedin Profile: www.linkedin.com/in/muhammad-sajid-a3898710a

ORCID ID: <https://orcid.org/0000-0002-9886-8347>

EDUCATIONAL QUALIFICATION

Degree	Year	Institute
M.Phil. (Anatomy)	2013-2015	Department of Anatomy, University of Agriculture Faisalabad, Pakistan
Doctor of Veterinary Medicine (DVM)	2006-2011	Faculty of Veterinary Sciences, Bahauddin Zakariya University (BZU), Multan, Pakistan
FS.C (Pre-Medical)	2004-2006	Govt College Layyah
Matric (Science)	2002-2004	Govt Model High School, Layyah

PROFESSIONAL QUALIFICATION

B. Ed. (Bachelor of Education)	2016-2017	Allama Iqbal Open University, Islamabad, Pakistan
---------------------------------------	-----------	---

DIPLOMAS

Degree	Year	Institute
Diploma on "FISHERIES AND AQUACULTURE MANAGEMENT"	03-09-2007 to 02-03-2008	Department of Zoology, Bahauddin Zakariya University, Multan, Punjab-Pakistan
English Profeciency Certificate	20-01-2016	University of Agriculture, Faisalabad, Punjab-Pakistan

M. PHIL. THESIS

Research Title: *"Morphological and Ultrasonographic studies on ovarian dynamics of Dromedary Camels in the natural ecology of Punjab, Pakistan"*.

Major Courses Taken: Anatomy and Histology of Camel, Histological and Histochemical Techniques, Advanced Histology (General), Advanced Histology (Systemic), Neuro Anatomy, Embryology, Anatomy and Histology.

CURRENT STATUS (Jop Experience: 13 Years)

1. Lecturer (30 Nov, 2018- continue)

Institue: "Department of Anatomy and Histology, Cholistan University of Veterinary and Animal Sciences Bahawalpur. Punjab, Pakistan"

2. Part-time Tutor (Two Semesters)

Institue: "Allama Iqbal Open University (AIU), Islamabad".

I worked as a part time tutor appointed for the subject titled "Ghiza aur Ghizaiyat (Food and Nutrition)" with Code: 484 for **two semester Autumn-2019 (w.e.f 14-01-2020) and Autumn-2021 (w.e.f. 24-12-2021).**

3. Lecturer (01 Sep, 2016 to 29 Nov, 2018)

Institue: "Department of Anatomy, Riphah College of Veterinary Sciences, Riphah International University Lahore Campus, Punjab, Pakistan"

4. Visiting/Honorary Lecturer (24 Oct, 2011 to 5 February, 2016)

Institue: "Department of Anatomy, College of Veterinary Sciences, Bahauddin Zakariya University, Layyah Campus, Pakistan".

5. Internship(Worked as Internee) (15 February2011 to 15 June, 2011)

a. Institue: Worked as internee for the duration of 1 month at "Research Centre for the Conservation of Sahiwal Cattle Kacha Khoo Jahangirabad, Punjab, Pakistan.

b. Institue: Worked as internee for the duration of 1 month at "Civil Veterinary Hospital

Dograna, Multan, Punjab, Pakistan.

c. Institue: Worked as internee for the duration of 1 month at “District Diagnostic Laboratory Muzaffargarh, Punjab, Pakistan.

d.Institue: Worked as internee for the duration of 2 week at “Plan Pakistan International at District Vehari, Punjab, Pakistan.

COURSES TAUGHT

- ❖ General and Systemic Veterinary Anatomy
- ❖ Comparative Veterinary Anatomy
- ❖ Human Anatomy
- ❖ Histology
- ❖ Veterinary Physiology and Anatomy
- ❖ Neuroanatomy
- ❖ Animal Science
- ❖ Fisheries & Aquaculture Management
- ❖ Livestock Extension and Education
- ❖ Poultry Nutrition
- ❖ Reproduction of Animals
- ❖ General Parasitology

ADDITIONAL DUTIES AT CUVAS, BAHAWALPUR, PUNJAB PAKISTAN

Sr. No.	Post held
1.	Member of “Mentoring Program Committee (MPC)” by HEC, Islamabad at CUVAS, Bahawalpur
2.	Focal Person for Pakistan Qualification Register (PQR), CUVAS, Bahawalpur
3.	Hostels (Building Incharge) Incharge , CUVAS, Bahawalpur
4.	Incharge Guest House, CUVAS, Bahawalpur
5.	Member of Auction Committee, CUVAS, Bahawalpur
6.	Managers/Coordinators for organizing Sports of Male Students, CUVAS, Bahawalpur
7.	Member of Finance and Planning Committee (F&PC), CUVAS, Bahawalpur
8.	Member Syndicate, CUVAS, Bahawalpur

9.	Assistant Director Quality Enhancement Cell (QEC), CUVAS, Bahawalpur
10.	Assistant Warden Boys Hostel, CUVAS, Bahawalpur
11.	Focal Person, Financial Aid Office, CUVAS, Bahawalpur.
12.	Member of Oversight Committee (Green Youth Movement (GYM) (under Prime Minister's Youth Program), CUVAS, Bahawalpur
13.	Co-Advisor of Blood Donor Society, CUVAS, Bahawalpur.
14.	Additional Duty in Treasurer Office as Assistant, CUVAS, Bahawalpur.
15.	Tutor, "Sir Syed group 04". I arranged the tutorial classes of students of TGM group, CUVAS, Bahawalpur
16.	Incharge Examination of Deptt. of Anatomy and Histology, CUVAS, Bahawalpur
17.	Member of Board of Studeis of Anatomy and Histology, CUVAS, Bahawalpur
18.	Member of Camel Association of Pakistan (CAP)

ASSOCIATION WITH PROFESSIONAL SOCITIES

- ❖ **.Pakistan Veterinary Medical Council**

SKELETON PREPARATION SKILLS

- ❖ I have prepared **16 skeleton** of different domestic and zoo animals (**2 Camels, 2 Chicken, Ostrich, Cow, Buffalo, Dog, Cat, Rabbit, Pumma and Giraffe, Baboon, Lion, Deer, Bear**).

COUNTRY VISITED

- Saudi Arabia

AWARD

- Awarded Haier Laptop through PM Laptop Scheme during my M.Phil in 2015.

PUBLICATIONS

1. Saima Naz, Urwah Ishaque, Ahmad Manan Mustafa Chatha, Babar Maqbool, Haseeb Khaliq, **Muhammad Sajid**, Qudrat Ullah. December, 2024. Regulation of Milk Production by the MAPK/ERK Pathway in Bubalus bubalis: Genomic and Molecular Insights **(Submitted). (SCI-indexed IF 2.6)**

2. Khaliq, H., M. Younas, M. Sharif, S. Hussain, U. Younas, **M. Sajid**, Qudratullah, M.F. Khan, M. Usman and Q. Ullah. 2025. Comparative analysis of biogas production efficiency from anaerobic digestion of cow dung and mixed dung substrates. *Sarhad Journal of Agriculture*, 41(2): 881-893. [DOI | https://dx.doi.org/10.17582/journal.sja/2025/41.2.881.893](https://dx.doi.org/10.17582/journal.sja/2025/41.2.881.893)
3. Qureshi, A.S., **M. Sajid** and S. Rehan. 15 Dec, 2018. Studies on the Ovarian Response to the Season, Local ecology and Exogenous Hormonal Therapy in Dromedary Camels *Jour. of Camelid Sci.*, 11:21-32. **(SCI-Indexed IF: 0.27)** [Qureshi et al./Journal of Camelid Science 2018, 11: 21-32 http://www.isocard.net/en/journal](http://www.isocard.net/en/journal)
4. Abbas, SW, M.N. Ali, G. Abbas, H.M. Safwan, **M. Sajid** and M. Mehmood. 2018. Comparative Effectiveness of General Anesthesia in Doves Using a Combination of Ketamine and Diazepam. *Advances in Zoology and Botany*. 6(4):95-100. DOI: 10.13189/azb.2018.060401 **(Non SCI-Indexed)**
5. Abbas, G., C.M.R. Qureshi, M. Asif, **M. Sajid**, S.W. Abbas, O. Zahid and H. Saeed. 2018. Ostrich Industry: A Beautiful U Turn in Poultry Industry of Pakistan. *IJAHSV*. Vol. 3, Issue 1: 2455-8567, Pp 1-6. **(Non SCI-Indexed)**
6. Abbas, G., M.A. Iqbal, M. Riaz, **M. Sajid**, O. Zahid, S.W. Abbas, H. Saeed, A.I. Raza and M.Z. Ali 2018. Comparative Effects of Different Levels of Probiotics (Protexin) on Hemato-chemical Profile in Broilers. *Advances in Zoology and Botany*. 6(3):84-87. **(Non SCI-Indexed)**
7. Abbas, G., O. Zahid, M.S.A. Khan, **M. Sajid** and H. Saeed. 2018. Future of Ostrich Farming in Pakistan. *Advances in Zoology and Botany*. 6(2): 55-65. **(Non SCI-Indexed)**
8. Rehman, H. U., S. Mahmood, F. Ahmad, M.M. Aslam, G. Abbas, A. Mahmood and **M. Sajid**. 2018. Comparative Effect of Replacement of Canola Meal with Moringa oleifera Leaf Meal (MOLM) on Hemato-chemical Profile in Briolers. *Advances in Zoology and Botany*. 6(1): 19-25. **(Non SCI-Indexed)**
9. Ali, Yasir., G. Abbas, **M. Sajid** and M. Imran 2018. Responses of Citrus Slow Decline Causing Nematode (T. Semipenetrans) against Different Cultivars (Kinnow, Musambi, Shakri, Feutrel Early, Red Blood) of Citrus. *Advances in Zoology and Botany*. 6 (1):1-18. **(Non SCI-Indexed)**
10. Asif, M., M.A. Khan, S.G. Bokhari, G. Abbas, **M. Sajid**, M. Ijaz and A. Mahmood. 2017. Angular Effects of Z-Plasty Technique on Extent of Relaxation of Contracted Scar, Cosmetic Appearance and Tip Necrosis in Dogs. *Advances in Zoology and Botany*. 5(4):45-49. **(Non SCI-Indexed)**

11. Abbas, G., S. Mahmood, **M. Sajid** and Y. Ali. 2017. Ostrich Farming: A New Turn in Poultry Industry of Pakistan. *Advances in Zoology and Botany*. 5(3):33-38. **(Non SCI-Indexed)**

BOOK CHAPTERS

1. Saima Naz, Qudrat Ullah, Shakeeb Ullah, Muhammad Farooq, Inam Ullah, Muhammad Fahim Ullah Khan, Ifra Siddique, Waleed Butt, Amna Siddique, Haseeb Khaliq, Nimra Akram and **Muhammad Sajid**. 2026. Emerging Nanotechnology Applications for Sustainable Animal Health, Environmental Remediation and Aquaculture Development. Book Chapter No: 052. A Publication of Unique Scientific Publishers. **(Book Chapter)**
2. Saima Naz, Qudrat Ullah, **Muhammad Sajid**, Haseeb Khaliq, Muhammad Farooq, Waleed Butt, Inam Ullah, Muhammad Fahim Ullah Khan, Ifra Siddique, Riaz Hussain, Insha Jabeen and Shakeeb Ullah. 2026. Smart Aquaculture for Sustainable Food Production: Innovations in Biosensing, Electronic Monitoring, and Automated Management Systems. Book Chapter No: 035. A Publication of Unique Scientific Publishers. **(Book Chapter)**
3. Saima Naz, Qudrat Ullah, Muhammad Farooq, Shakeeb Ullah, **Muhammad Sajid**, Sobia Malik, Maria Saeed Khan, Haseeb Khaliq, Inam Ullah, Muhammad Fahim Ullah Khan, Waleed Butt and Ifra Siddique. 2026. Chromium Contamination in Aquatic Ecosystems: Bioaccumulation and Toxic Effects on Freshwater Fish. Book Chapter No: 034. A Publication of Unique Scientific Publishers. **(Book Chapter)**
4. Saima Naz, Shakeeb Ullah, Qudrat Ullah, Muhammad Farooq, Maria Saeed Khan, Alia Ramzan, Waleed Butt, Ifra Siddique, Haseeb Khaliq, Maryam Abbasi, **Muhammad Sajid**, Inam Ullah and Muhammad Fahim Ullah Khan. 2026. Ecotoxicological Impacts of Ferterra (Chlorantraniliprole) on Freshwater Fish: Behavioural, Histopathological and Genotoxic Evaluation. Book Chapter No: 033. A Publication of Unique Scientific Publishers. **(Book Chapter)**
5. Sobia Malik, Saima Naz, Qudrat Ullah, Shakeeb Ullah, Inam Ullah, Muhammad Fahim, Ullah Khan, Muhammad Farooq, Waleed Butt, Haseeb Khaliq, Ifra Siddique, Riaz Hussain and **Muhammad Sajid**. 2026. Epidemiological Insights into the Trends and Patterns of Infectious Diseases. Book Chapter No: 026. A Publication of Unique Scientific Publishers. **(Book Chapter)**
6. Saima Naz, Shakeeb Ullah, Haseeb Khaliq, Muhammad Farooq, **Muhammad Sajid**, Sobia Malik, Waleed Butt, Ifra Siddique, Ayesha Eeman, Qudrat Ullah,

- Inam Ullah, Muhammad Fahim Ullah Khan and Saba Iqbal. 2026. Bioinformatics Tools for Integrating Genomic, Transcriptomics and Proteomic Data in Invertebrates. Book Chapter No: 019. A Publication of Unique Scientific Publishers. **(Book Chapter)**
7. Sobia Malik, Saima Naz, Qudrat Ullah, Shakeeb Ullah, Muhammad Farooq, Babar Maqbool, Riaz Hussain, Inam Ullah, Muhammad Fahim Ullah Khan, Haseeb Khaliq, **Muhammad Sajid**, Waleed Butt and Ifra Siddique. 2026. Herbal Nutraceuticals: Extraction, Formulation, Therapeutic Applications, and Toxicological Perspectives. Book Chapter No: 017. A Publication of Unique Scientific Publishers. **(Book Chapter)**
 8. Naz S, Malik S, Chatha AMA, Ullah Q, Jamil T, Khaliq H, **Sajid M**, Iqbal S, Yasin F. 2025. Epidemiology and Surveillance of Bacterial, Viral, Fungal, and Parasitic Diseases in Fish: Challenges and Advances in Aquaculture. In: Trends in Infectious Diseases of Animals, Eagle Scholars Publishers, Faisalabad, Pakistan, Vol. 1. <https://doi.org/10.5281/zenodo.15809232> **(Book Chapter)**
 9. Abbas N, Umar Z, Zubair M, Rehman HSU, Ansari AR, **Sajid M**, Shah M, Yasin G and Rehan S, 2025. Seasonal variations in blood parameters and hormonal levels of avian species. In: Ismael SS, Nisa QU, Nisa ZU and Aziz S (eds), Holistic Health: Diseases Across Life: From Humans to Land and Sea. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 8-14. <https://doi.org/10.47278/book.HH/2025.007> **(Book Chapter)**
 10. Naz S, Chatha AMM, Ullah Q, Khaliq H, **Sajid M**, Farooq M, Ashraf I and Eeman A, 2025. Integrative approaches: genomic, transcriptomic, and proteomic data in vertebrate studies. In: Kausar R, Nisa ZU, Jamil M and Bashir I (eds), Integrated Health and Sustainability: Plants, Wildlife, and Genetic Resilience. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 218-228. <https://doi.org/10.47278/book.HH/2025.99> **(Book Chapter)**
 11. Anoosha Malik, Muhammad Farrukh Nisar, Muhammad Dilawar, Hina Fatima, Faisal Siddique, and **Muhammad Sajid**. October, 2024. Chapter 21 : Phytochemicals activating non-coding RNAs (ncRNAs) to modulate ferroptosis in human cancers and aging. Veterinary Medicine Enhancing Animal and Well Being. ISBN Print Book:978-627-94503-1-9. ISBN (e) Book: 978-627-94503-6-4. Pp 415-474 **(Book Chapter)**
 12. Siddique F, RZ Abbas, T Akhtar, A Abbas, M Saeed, M Safdar, **M Sajid**, A Iqbal, S Masood and R Hussain 2022. Veterinary vaccines: where are they now?. In: Abbas RZ, Khan A, Liu P and Saleemi MK (eds), Animal Health Perspectives,

13. Siddique F, R Z Abbas, A Abbas, M Saeed, S Abbas, **M Sajid**, K Rahim and F Hussain, 2022. Mutation in MERS-CoV. Coronavirus Disease 2019 (COVID-19): Epidemiology, Biochemistry, Diagnostics and Treatment; Volume 1; A Coronavirus Disease 2019 (COVID-19): A perspective of new Scenario; Bentham Science Publishers, 2022. DOI: 10.2174/9789815274943124010011 **(Book Chapter)**.

REVIEW ARTICLE

1. **Muhammad Sajid**, Faiz-ul Hassan, Atique Ahmed Behan, Fethi Ahmet Ozdemir, Faisal Siddique, Sarfraz Ali Fazlani, Muhammad Asif Arain, Muhammad Saif-ur Rehman. 2026. **Mesenchymal Stem Cell-Based Therapeutic Strategies for Female Infertility: Current Evidence and Emerging Targeting Approches**. Biotechnol Lett (2026) 48:63. **(SCI-indexed IF 2.1)** <https://doi.org/10.1007/s10529-026-03731-7>

ABSTRACTS/POSTER PRESENTATION

1. Faisal Siddique, Muhammad Mazhar Ayaz, Faiz-ul-Hassan, Iqra Naeem, and **Muhammad Sajid**. 2024. **Thermostable Nano-Vaccine against Newcastle Disease; A Review**. International Conference entitled “Current Trends, Prospectus and Opportunities in Vaccine Research: Unlocking a Healthier Tomorrow: The Crucial Role of Vaccines” at Centre of Excellence in Molecular Biology (CEMB), University of Punjab, Lahore dated 28-29 February, 2024.
2. Faiz-ul-Hassan, Faisal Siddique, Rana Muhammad Bilal, and **Muhammad Sajid**, 2024. **Immunoinformatics identifies Apigetrin and Kaempferol as promising adjuvants for Lumpy Skin Disease vaccine**. International Conference entitled “Current Trends, Prospectus and Opportunities in Vaccine Research: Unlocking a Healthier Tomorrow: The Crucial Role of Vaccines” at Centre of Excellence in Molecular Biology (CEMB), University of Punjab, Lahore dated 28-29 February, 2024.
3. Faisal Siddique, Muhammad Mazhar Ayaz, Faiz-ul-Hassan, Muhammad Safdar, Qandeel Arshad, Iqra Naeem and **Muhammad Sajid**. 2024. **Tackling Antimicrobial Resistance in Campylobacter Jejuni through Nanoceuticals**

- 1st International Conference on Animal Production and Biosafety. Shaheed Benazir Bhutto University of Veterinary and Animal Sciences (SBBUVAS) Sakrand, Sindh, Pakistan.
4. **Sajid M.**, A. S. Qureshi, F. Siddique, H. Khaliq, S. Masood and Qudratullah. February 06-07,2023 **“A Review: Mouse Model a Diagnostic Indicator of Alzheimer’s Disease”**. An International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology. Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan. **(Abstract)**
 5. **Sajid M.**, M. F. Nisar, Qudratullah, H. Khaliq and F. Siddique. February 06-07,2023 **“A Review: On the Involvement of Nrf2/HO-1 Pathway in the Serotonergic System concerning the Anatomical Organization of the Amygdala”**. An International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology. Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan. **(Abstract)**
 6. Masood S., S. Afzal, H. Zaneb, I. Rabbani, S. Ashraf, S. Ijaz, S. Masood, **M. Sajid**, H. Khaliq and M. Zeeshan. February 06-07,2023 **“Effects of Sodium Butyrate and Xylanase Supplementation on Weight, Tibial Bone Characteristics and Histomorphology of Muscle in Broiler”**. An International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology. Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan. **(Abstract)**
 7. Shahnaz, F. Siddique, R. Ahmad, M. Saeed, M. Safdar, **M. Sajid**, U. Noor and A. Nawaz. February 06-07,2023. **Combined effect of crude castor oil, leaf extract and nanoparticles against different pathogenic bacteria**. An International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology. Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan. **(Abstract)**
 8. F. Siddique, F.U. Hassan, R. M. Bilal, M. Saeed, M. Safdar, **M. Sajid**, R. Ahmad. February 06-07,2023. **Antiviral Resistance in Emerging Viral Diseases; A Review**. An International Multidisciplinary Conference on Innovations in Biochemistry, Veterinary Medicine & Pharmacology. Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan. **(Abstract)**
 9. Qurat ul Ain, H. Noreen, M. Nisar, S. Hassan, M. Bashir, M. Y. Waqas, M. Rafiq, **M. Sajid**, and M. F. Nisar. November 24-26,2021. **“Ultraviolet Radiations A (UVA) mediated oxidative stress modulates microRNAs expression and**

- involvement of Nrf2/HO-1 pathway in increasing telomere length".** International Conference on Interdisciplinary Innovation and Invention in Biotechnology and Nanotechnology (IIBN). The Women University Multan, Pakistan. **(Abstract)**
10. Nisar, M., F. Mazhar, A. Javed, M. Rizwan, H. Khaliq, **M. Sajid** and M. F. Nisar. November 24-26, 2021. **"The introduction of natural de-ironization inducers (DII) technology in the medicated skin care products"** International Conference on Interdisciplinary Innovation and Invention in Biotechnology and Nanotechnology (IIBN). The Women University Multan, Pakistan. **(Abstract)**
 11. Bashir M, M. Aslam, **M. Sajid** and M. F. Nisar. October 25-26, 2021. **"Development of Artificial Skin for Second Degree Burn wounds using Chia Seed Gel"** 2 Day Training Workshop on Bioassays for Explorations of Bioactives, at Department of Biochemistry, University of Agriculture, Faisalabad-Punjab, Pakistan. **(Poster)**
 12. **Sajid M.**, H. Khaliq, A.S. Qureshi, F. Siddique, S. Masood, A. Abbas and F. Nisar. 20-21 October, 2021. **"Socio-ecological Factors Affecting the Camel Production"**. International Conference (Hybrid Mode) Sustainable Bioeconomy in Livestock and Crop Production (ICSBLCP-2021). Faculty of Veterinary and Animal Sciences, MNS-University of Agriculture, Multan, Pakistan, ISBN: 978-969-2201-02-5. **(Abstract)**
 13. Khaliq H., M. Younas, **M. Sajid**, F. Siddique and A. Abbas. 20-21 October, 2021. **"Comparative Efficiency of Biogas Production from Livestock and Agriculture Residues"**. International Conference (Hybrid Mode) Sustainable Bioeconomy in Livestock and Crop Production (ICSBLCP-2021). Faculty of Veterinary and Animal Sciences, MNS-University of Agriculture, Multan, Pakistan, ISBN: 978-969-2201-02-5. **(Abstract)**
 14. Siddique F., W. Babar, **M. Sajid**, H. Khaliq, A. Abbas, k Hussain, A. Rehman, R. Yasin and A. Javaid. 20-21 October, 2021. **"Honeycomb gum as an immune's boosting agent in poultry for its application in COVID-19; A review"** International Conference (Hybrid Mode) Sustainable Bioeconomy in Livestock and Crop Production (ICSBLCP-2021). Faculty of Veterinary and Animal Sciences, MNS-University of Agriculture, Multan, Pakistan, ISBN: 978-969-2201-02-5. **(Abstract)**
 15. **Sajid M.**, H Khaliq, M.F. Nisar, Z. Manzoor, Y. Waqas, F. Siddique and S. Masood. March 30-31, 2021. **"STEMS026: Recent Trends in Stem Cell Technology"**. 1st International Conference Science, Technology, Engineering,

- Mathematics and Social Sciences”, at The Islamia University of Bahawalpur, Punjan, Pakistan. **(Abstract)**
16. Haseeb k. M.F. Nisar, **M. Sajid**, Y. Waqas, and Z. Manzoor. March 30-31, 2021. “STEMS025: **“Biotechnology Approaches to Insight in the Medical and Veterinary Sector”**”. 1st International Conference Science, Technology, Engineering, Mathematics and Social Sciences”, at The Islamia University of Bahawalpur, Punjan, Pakistan. **(Abstract)**
 17. Nisar F. N., Z. Manzoor, H. Khaliq, **M. Sajid**, M.Y. Waqas and K. Niaz. February 20-21, 2020. **“Chia Seeds Gel: A New Biomedical Material For Drug Delivery and Wound Healing”**. 2nd International Pharmacy Conference & Exhibition (IPCE 2020-IUB) “New Paradigms of Pharmacy Education & Practice in Pakistan”, Department of Pharmacy, The Islamia University of Bahawalpur. **(Abstract)**
 18. Nisar F. N., Z. Manzoor, M.Y. Waqas, **M. Sajid**, M.Rafiq, N.Niaz, A. Mahmood and M.M. Jalees. August 6, 2019. **“Development of Quercetin loaded ZnO Nanoparticles with Photo-protective Effects on Human Skin HaCaT Cells”**. One-day symposium on Nano-medicine: Current Scenario and Future perspectives. Institute of Pharmacy, Physiology and Pharmacology, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad. **(Abstract)**
 19. **Sajid, M.**, F. Siddique, A.S. Qureshi and A. Javid. June 25, 2019. **“The Exploration of Micro-Ecological Effect of Camel Reproduction in Pakistan, National Camel Conference-2019 (Health, Reproduction, Production and Products)”**, Department of Anatomy, Faculty of Veterinary Science University of Agriculture, Faisalabad. **(Abstract and Poster)**.
 20. Qureshi A.S., **M. Sajid** and S. Rehan. June 25, 2019. **“Ovarian response to the season, local ecology and exogenous hormonal therapy in female one-humped camels”**, National Camel Conference-2019 (Health, Reproduction, Production and Products)”, Department of Anatomy, Faculty of Veterinary Science University of Agriculture, Faisalabad, Pp:29. **(Abstract)**.

EXTENSION ARTICLES

1. **Sajid M.**, and F. Siddique. August 2019. **“Shelter of Livestock during Flood Situation in Pakistan”**. Agro Veterinary News (AVN), Vol.31 No.5, Reg. No. MC-1209, ISSN 17228-1512, Pp 11 & 14.
2. **Sajid, M.**, F. Siddique and N. Niaz. 24-30 Sep, 2019. **“The Smelling Power of Dog”** Veterinary News & Views, Faisalabad. Issue No. 44. Pp No.10.

3. Abbas, G., C.M.R. Qureshi, M. Asif, **M. Sajid**, S.W. Abbas, O. Zahid and H. Saeed. 16-23 March, 2018. **“Ostrich Industry: A Beautiful U Turn in Poultry Industry of Pakistan”** Veterinary News & Views, Faisalabad. Issue No. 19, Pp. No. 12.

WORKSHOPS/TRAINING ATTENDED

1. Certificate of Appreciation **“as a Mentor in the Mentoring Program for Universities (MPU), an initiative of the NAHE-HEC (Higher Education Commission, Pakistan)”**. Five week period May 18 to June 20, 2026 at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
2. Certificate of Appreciation **“as a Member of the Mentoring Program Committee (MPC), an initiative of the NAHE-HEC (Higher Education Commission, Pakistan)”**. February 27 to July 31, 2026 at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
3. Certificate of Participation in Capacity building training on **“Climate Action Education Curriculum and Digital Learning Portal’**. November 24-27, 2025 organized by Higher Education Commission (HEC), Islamabad, Pakistan and British Council at MNS-University of Agriculture, Multan, Pakistan.
4. Certificate of Participation in two days international Training workshop on **“Utilization of IVF and Embryo Transfer technologies for enhancing the genetic potential of livestock in Pakistan” Oct. 23-24,2025** organized by Department of Theriogenology Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur & Dayzee Farm Bahawalpur, Punjab, Pakistan.
5. Certificate of Appreciation **“PSG 2023 Pakistan Precepts, Standards and Guidelines for Quality Assurance’**. June 19, 2025 organized by Directorate of Quality Enhancement Cell, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Pakistan Science Foundation (PSF) and Pakistan Scientific & Technological Informations Center (PASTIC).
6. Certificate of Participation for attending **“National Outreach Program for Higher Education Faculty”** April 28 to May 2, 2025 at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, organized by National Academy of Higher Education Commission (NAHE), Islamabad Pakistan.
7. Certificate as Organizer of **“Training Workshop on Self Assessment Report (SAR) Based on PREE for Program Team”** April 09, 2025 at Directorate of Quality Enhancement Cell, Cholistan University of Veterinary and Animal

Sciences (CUVAS), Bahawalpur.

8. Certificate as Organizer of **“One Day National Workshop on Reproductive Ultrasonography in Small Ruminants”** April 17, 2025 at Department of Theriogenology, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
9. Certificate of Participation for attending **Two Days Training Workshop on “Veterinary Orthopedic Surgery in Small Animals”**. October 24 to 25, 2024, organized by Department of Veterinary Surgery, UVAS, Lahore Punjab Pakistan
10. Certificate of Participation for attending one month training workshop on **“Clinical Training in Small Animals”**. September 01 to 30, 2024 (**One Month**), organized by Department of Small Animal Clinical Sciences, UVAS, Lahore Punjab Pakistan
11. Certificate of Participation for attending three day training workshop on **“Advancing Teaching Excellence’ Strategies for Effective Higher Education Instruction and Professional Development”**. December 26 to 28, 2023, organized by Punjab Higher Education Commission, Lahore, Punjab Pakistan
12. Certificate of Participation for attending one week training workshop on **“Data analysis with R”**. July 17 to 21, 2023, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
13. Certificate of **“International Training in Lumpy Skin Disease”** October 26, 2022, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
14. Certificate of **“Workshop on Effective Financial Aid Offices”** February 18-19, 2022, at **HEC** Regional Center Lahore with the Collaboration of **USAID-funded Merit and Needs Based Scholarship Program**.
15. Certificate of **“2 Day Training Workshop on Bioassays for Explorations of Bioactives”** October 25-26, 2021, at Department of Biochemistry, University of Agriculture, Faisalabad- Punjab, Pakistan.
16. Certificate of **“a Five-day virtual Training on Biorisk Management”** June 21-25, 2021 (Monday – Friday), Pathology lab, Cholistan University of Veterinary & Animal Sciences (CUVAS), Bahawalpur organized by ABM Pakistan.
17. Certificate of **“One Day Training Workshop on Reproductive Ultrasonography of Small Ruminants”** March 10, 2021 at Department of Theriogenology, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.

18. Certificate for attending the online **“Faculty Orientation Training Program”**, November 2, 2020 to November 6, 2020, PHEC Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
19. Certificate of **“One Day Hands on Training Workshop on Biorisk Management in Biological Labs”** December 20, 2019, at Department of Microbiology, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur in collaboration with Pakistan Biological Safety Association (PBSA) Punjab Chapter.
20. Certificate of **“In-Service Competency Enhancement Training for Young University Faculty” (CEPA)**, April 25-26, 2019 at Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
21. Certificate of 1st international Workshop on **“Biodiversity: Techniques & Tools as part of Exhibition on Biodiversity Conservation of Cholistan desert”** April 04-05, 2019 at Department of Zoology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
22. Certificate of **“International Training Workshop on Basic Techniques in Mesenchymal Stem Cell Culture and Toxicity Assays”** February 26-28, 2019 at Department of Anatomy, Faculty of Veterinary Science University of Agriculture, Faisalabad.
23. Certificate of Hands-on Training on **“Mice Handling, Tissue Sampling & Oocyte Collection”** 8 November, 2018 at Department of Anatomy and Histology, UVAS, Lahore.
24. Certificate of participation in **“Teaching and Research Techniques in Anatomy”** 15 to 16-February, 2017 at Department of Anatomy, Faculty of Veterinary Science, University of Agriculture Faisalabad.

SEMINARS ATTENDED

1. Certificate of Appreciation as member of organizing committee for **“Tug of War Competition”** 17 December, 2025, organized by Boys Hostel Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur, Punjab, Pakistan.
2. Certificate of as a member of Organizing Committee of the blood camp held by **“REGIONAL BLOOD CENTER BAHAWALPUR”** at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur on December 10-11, 2025.

3. Certificate of as a member of Organizing Committee of the blood camp held by **“REGIONAL BLOOD CENTER BAHAWALPUR”** at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur on February 27, 2025.
4. Certificate of Participation **“Camel Milk in Pakistan Exploring Current Potential, Future Prospects, Research and Investment Opportunities”**. February 17, 2025, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur & ECL Biotechnology PVT. LTD.
5. Certificate of as a member of Organizing Committee of the blood camp held by **“REGIONAL BLOOD CENTER BAHAWALPUR”** at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur on December 12, 2024.
6. Certificate of **Organizer and Guest Speaker** of one day seminar on **“Assessment of Desert Ecosystem Through Animals”** 01 March, 2024, organized by Department of Anatomy & Histology and Zoology, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
7. Certificate of as a member of Organizing Committee of the blood camp held by **“REGIONAL BLOOD CENTER BAHAWALPUR”** at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur on December 06, 2023.
8. Certificate of Participation **“Biosecurity Measures and Necropsy Practices”**. December 7, 2022, Faculty of Veterinary Sciences, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
9. Certificate of Participation **“One Day Seminar on Food Security and Livestock”**. December 1, 2022, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
10. Certificate of Participation **“Seminar & Walk on Dengue Awareness Day”**. November 4, 2022, Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur.
11. Certificate of as a member of Organizing Committee of the blood camp held by **“REGIONAL BLOOD CENTER BAHAWALPUR”** at Cholistan University of Veterinary and Animal Sciences (CUVAS), Bahawalpur on September 07, 2022.
12. Certificate of **“One Day Symposium On Nanomedicine: Current Scenario and Future Perspective”** August 6, 2019, at Institute of Pharmacy, Physiology & Pharmacology University of Agriculture, Faisalabad- Punjab, Pakistan.

CONFERENCES (PARTICIPATION)

1. Certificate of participation in an **“International Multidisciplinary Conference on Innovation in Biochemistry, Veterinary Medicine and Pharmacology”** February 06-07, 2023, organized by Cholistan University of Veterinary and Animal Sciences, Bahawalpur
2. Certificate of participation in **“International e-conference Vaccine(s) against Arthropod-borne diseases”**, July, 9, 2021, organized by Cholistan University of Veterinary and Animal Sciences, Bahawalpur in collaboration with Institute of Pathobiology, CICVyA, INTA-Castellar, Buenos Aires, Argentina.
3. Certificate of participation in **“International e-conference Listeria monocytogenes from the detection to deep typing: present and new perspectives”**, July, 7, 2021, organized by Cholistan University of Veterinary and Animal Sciences, Bahawalpur in collaboration with istituto Zooprofilattico Sperimentale, dell’ Abruzzo e del Molise G.Caporale, Italy.
4. Certificate of appreciation of **“STEMS International Conference (1st International Conference Science, Technology, Engineering, Mathematics and Social Sciences)”**, March 30-31, 2021 at “The Islamia University of Bahawalpur, Punjab, Pakistan.
5. Certificate of **“One Day International Symposium on Zoonotic Diseases of Camel”**, November 07, 2019 at Department of Parasitology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur.
6. Certificate of participation of **“National Camel conference-2019” (Health, Reproduction, Production and Products)**, June 25, 2019 at Department of Anatomy, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad.
7. Certificate of participation in **“International Parasitology Conference”** 25-26 October, 2017 at University of Veterinary and Animal Sciences, Lahore.
8. Certificate of participation in **“2nd International Conference on Zoonoses”** 20 to 21-October, 2016 at FVS, BZU Multan.
9. Certificate of participation in **“1st International Conference on Zoonoses”** 16 to 17-October, 2014 at FVS, BZU Multan.
10. Certificate of participation in **“Multan Fancy Bird Exhibition”** (24-03-2011) at FVS, BZU Multan.
11. Certificate of participation in **“National Conference on the Strategies to Improve Red Meat Production in Pakistan”** (13 October, 2010) at FVS, BZU Multan.