

## MUHAMMAD SADEEQ

MPhil (Anatomy and Histology),

DVM

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## EDUCATION

### 1. Master of Philosophy (MPhil)

University of Veterinary & Animal Sciences, Lahore  
Pakistan

### 2. Doctor of Veterinary Medicine (DVM)

University of Agriculture, Faisalabad  
Pakistan

## MPHIL RESEARCH TOPIC

“Effect of essential oil blend on broiler gut and muscle development.”

## CO-CURRICULAR DISTICNTIONS

1. Certificate of Appreciation as an Organizer of British Citizenship.
2. Participated as a cricket sport man in school and college team.
3. Member of “Pukhtoon Student Union, UAF.

## RESEARCH PROFILE

### Previous research experience:

Initially, I have worked voluntarily as M.Phil research student at the Department of Anatomy and Histology and worked on effects of In-ovo administration of arginine on productive and histological traits of intestine, immune organs and pectoral muscles in Japanese quail.

For my MPhil research, I studied on modulation of digestive and musculoskeletal dynamics in response to supplementation of Essential oil per orally. In this study, I analyzed the anatomical and histological changes in gut of broiler and its relationship with musculoskeletal parameters.

I have developed expertise in techniques such as Microscopy and Histomorphometry. I am also a good presenter and have developed excellent expertise in data collection, analysis and presentation of raw data.

## PUBLICATIONS AND BOOK CHAPTER

1. Zubair Luqman<sup>\*1</sup>, Hafiz Muhammad Ali<sup>1</sup>, Naveed Zahra<sup>1</sup>, Hashmat Ullah<sup>3</sup>, **Muhammad Sadeeq<sup>2</sup>**, Muhammad Zeeshan<sup>2</sup>, Awais Ahmad Khan<sup>2</sup>, Muhammad Fahad<sup>5</sup>, Muhammad Kashif Khan<sup>4</sup>, Muhammad Arif Shah<sup>4</sup>, Muhammad Zeeshan<sup>2</sup>, Syed Abdul Hadi<sup>6</sup> and Qasim Raza<sup>7</sup>. In-ovo effects of lysine amino acid on histomorphometry of thigh muscles, cecal tonsils and pH in Japanese quail. Pak-Euro Journal of Medical and Life Sciences (PJMLS) 3(1); 01-05.
2. Ullah, I., A. Ullah, T. Tayyeb, R. Ullah, M. Hanif, F. Khan, I. Khan, R. Taj, F. Syed, S. Gul, **M. Sadeeq**, M. Islam, A. Khan and K. Ghani. 2024. Effect of inorganic selenium on blood biochemistry under dexamethasone induced stress in broiler chicken. Sarhad Journal of Agriculture, 40(1): 142-148.
3. <sup>a</sup> Shahbaz Ul Haq<sup>a</sup>, <sup>b</sup> Adeel Khalid, <sup>c</sup> Khush Hal Meghwar, <sup>d</sup> Arsalan Khan<sup>e</sup>, <sup>e</sup> Shahrood Ahmed Siddiqui, <sup>f</sup> Rafiq Ullah, <sup>g</sup>**Muhammad Sadeeq**, <sup>h</sup> Muhammad Wasim Usmani, <sup>b</sup> Khurram Ashfaq \* Exploring the hepatoprotective effects of silymarin in experimentally induced- diclofenac sodium toxicity in rabbits. World Journal of Biology and Biotechnology. Volume Number 9 : Issue Number 1 Year 2024,Page Number 21.
4. Huma Bahri<sup>1</sup>, Ubaid Ullah<sup>1</sup>, Maaz Ahmad<sup>1</sup>, Mansoor Ahmad<sup>1</sup>, Asad Ullah<sup>2</sup>, Samina Younas<sup>3</sup>, Raheela Taj<sup>4</sup>, Shumaila Gul<sup>5</sup>, Faiza Khan<sup>6</sup>, Rafiq Ullah<sup>1</sup>, **Muhmmad Sadeeq<sup>7</sup>**, Imad Khan <sup>2 \*</sup>, Effect of moringa oleifera leaf powder supplementation on serum parameters, gut micro-flora, muscle and bone health in broilers under dexamethasone-induced stress. J. Agri. Vet. Sci. 03(2) 2024. 147-156.

5. Alam, A., A. Ullah, I. Khan, Yaseen, R. Ullah, T. Tayyeb, M. Hanif, M. Rahman, M.O. Khan, F. Syed, R. Taj, S. Gul, **M. Sadeeq** and M. Islam. 2024. Evaluation of Growth Rate of Different Concentration Floc in a Biofloc Setup for Nile Tilapia( *Oreochromis Niloticus*) Culture. *Sarhad Journal of Agriculture*, 40(2): 588-594.
6. Muhammad Zeeshan1\* , Saima Masood2\* , Saima Ashraf3 , Ayesha Masood4 , Hafiz Muhammad Saif Ur Rehman5 , Hafiz Nouman Tariq6 , Imad Khan7 , **Muhammad Sadeeq8** , Hafsa Zaneb9 , Shehla G. Bokhari10 , Hafiz Faseeh-Ur-Rehman11 , Maaz Ahmad12.Efficacy of mannan- oligosaccharide and live yeast feed additives on performance, rumen morphology, serum biochemical parameters and muscle morphometric characteristic in buffalo calves JPTCP , Vol.31 No.06 (2024): (1401 - 1410)
7. Mubasher Ullah1 , Asad Ullah2\* , Tayyaba Ilyas3 , Sohrab Ahmad4 , Tahira Tayyeb1 , Mansoor Ahmad1 , Rafiq Ullah1 , Aziz Ullah Khan1 , Muhammad Hanif1 , Muhammad Owais Khan1 , Muneeb Islam5 , Raheela Taj6 , Ali Gohar2 , **Muhammad Sadeeq7** . Methicillin-resistant staphylococcus aureus (MRSA) and detection of resistant genes in cow milk from southern khyber pakhtunkhwa Pakistan. *JPTCP Vol.31 No. 7 (2024) (704-713)*
8. Shujaat NUS, Hanif M, Rafiq M, Khan K, Sattar M, Khan I, Ullah A, Ullah R, **Sadeeq M** and Elahi S, 2024. Nanoparticle-based targeted drug delivery. In: Rubio VGG, Khan A, Altaf S, Saeed Z and Qamar W (eds), *Complementary and Alternative Medicine: Nanotechnology-I*. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 328-337.
9. Said A, Saqib MN, Aziz T, **Sadeeq M**, Shah SKA, Faisal S, Khan FN. Elisa-based seroprevalence and risk factors for *Toxocara canis* and *Dirofilaria immitis* in dogs in Khyber Pakhtunkhwa, Pakistan. *Biol. Clin. Sci. Res. J.*, **2025**; 6(3): 1624.

## EXPERIENCE

1. Internship at Engro Dairy Farm Sukkur, Sindh. (Jan15<sup>th</sup> to Feb28<sup>th</sup> 2018)
2. Internship at LPRI Okara. (March 1<sup>st</sup> to April 15<sup>th</sup> 2018)
3. Internship at Civil veterinary hospital 2JB Faisal abad (April 15<sup>th</sup> to 30<sup>th</sup> May 2018)
4. Pre internship at civil hospital District Bajaur in summer occasion (Jun 1<sup>st</sup> to 15<sup>th</sup> Sep 2017)
5. Teaching as a SST at GMS Fajigram Bartrass District Bajaur from 24/09/2022 TO 10/03/2023.
6. Teaching as lecturer in veterinary anatomy and Histology at UVAS Swat, Pakistan 26<sup>th</sup> Feb 2023 to till date

## WORKSHOPS & SEMINARS

1. Attended a capacity building workshop on **“The Art of Writing”** organized by Department of Physiology UVAS, Lahore (October 17<sup>th</sup>, 2019)
2. Attended four days training workshop on **“Statistical Methodologies in Biomedical and Health Science”** organized by Business School UVAS, Lahore (February 25<sup>th</sup> to 28<sup>th</sup>)
3. Participated as a trainer in **“Hands-on training on mice handling, tissue sampling & oocyte collection”** organized by Department of Anatomy & Histology UVAS, Lahore (Nov 8<sup>th</sup>, 2018)
4. Participated as a trainer in **“EndNote X7 basic”** Organized by Department of Food Science & Human nutrition UVAS, Lahore (Dec,01,2018)
5. As organizer in satellite workshop **“Setting up H & E staining station”** organized by Department of Anatomy & Histology UVAS, Lahore (Jan 26<sup>th</sup>, 2018)
6. As organizer in awareness seminar on **“Potentiated probiotics as alternative to antibiotic growth promoters for healthy broiler meat”** organized by Department of Anatomy & Histology UVAS, Lahore (Jan 26<sup>th</sup>, 2018)

## REFERENCES

### 1. Dr. Hafsa Zaneb

Chairperson, Professor

Department of Anatomy and Histology,

Faculty of Bio sciences, UVAS, Lahore

Email: [hafsa.zaneb@uvas.edu.pk](mailto:hafsa.zaneb@uvas.edu.pk)