

# CURRICULUM VITÆ

(Last updated on 27.01.2026)



## Dr. Abdul Hafeez

### Personal Information:

Nationality: Pakistani

Domicile: Haripur (KP), Pakistan.

Languages: English, Urdu, Punjabi and Hindko  
(Primary to Full Professional proficiency)  
German, Pashto and Arabic  
(Limited to Professional working proficiency)

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Department of Poultry Science, FAH&VS,  
The University of Agriculture, Peshawar 25130,  
Pakistan

### Academic Qualification:

Ph.D, Poultry Science (Biomedical Sciences/Poultry Science), Freie University Berlin Germany;  
2015 - with Great Honors (*Magna cum laude*)

M.Sc (Hons), Poultry Science, The University of Agriculture Peshawar Pakistan;  
2005 - with Silver Medal

B.Sc (Hons), Animal Husbandry, The University of Agriculture Peshawar Pakistan;  
2003 - with Gold Medal

F.Sc., Pre-Medical, B.I.S.E. Abbottabad Pakistan;  
1998 - with First division

S.S.C., Science, B.I.S.E. Abbottabad Pakistan;  
1995 - with First division

### Academic Distinctions:

- ❖ Availed *Scholarship for PhD at Germany* under 90 % Overseas Scholarship Scheme of Higher Education Commission of Pakistan.
- ❖ *Magna cum laude* (Great Honors) in Ph.D. Biomedical Sciences.

- ❖ Selected as HEC Approved Supervisor since 09.01.2018.
- ❖ *Gold Medal* in B.Sc. (Hons) Animal Husbandry.
- ❖ *Silver Medal* in M.Sc (Hons) Poultry Science.
- ❖ *Star Award 2004* by South Asian Publications, Pakistan.
- ❖ *1<sup>st</sup> position* holder for the year 2001 in B.Sc (Hons) part-III (overall) at The University of Agriculture, Peshawar.
- ❖ *1<sup>st</sup> position* holder for the year 2001& 2002 in B.Sc (Hons) part-III & IV at the faculty of Animal Husbandry, The University of Agriculture, Peshawar.
- ❖ *Research Award* granted by ORIC-UAP for the year 2024.

### **Academic and Professional Experience:**

- **Associate Professor (BPS-20):** Department of Poultry Science, The University of Agriculture Peshawar, since March 04, 2022 to date.
- **Assistant Professor-TTS (Equivalent to BPS-19):** Department of Poultry Science, The University of Agriculture Peshawar, from December 08, 2016 to March 03, 2022.
- **Lecturer (BPS-18):** Department of Poultry Science, The University of Agriculture Peshawar, from August 15, 2007 to December 07, 2016.
- **Farm Production Officer (Equivalent to BPS-17):** Pakistan Dairy Development Company (PDDC) Lahore, from July 01, 2006 to August 14, 2007.
- **Livestock Production Officer (BPS-17):** Asian Development Bank funded Barani Area Development Project-II, (BADP-II) District Haripur, from January 15, 2005 to June 30, 2006.
- **Trainee:** Livestock Research and Diagnostic Laboratories, Abbottabad, for two months (July 2002 to Aug. 2002).

- **Lecturer (Voluntarily):** Department of Poultry Science, The University of Agriculture Peshawar, for two years (Jan. 2003 to Jan. 2005).

**Student supervision:**

**a. Completed degree:**

- Major Supervisor for PhD scholars: 01
- Major Supervisor for M.Sc (H) students: 28
- Co-Supervisor for PhD scholars: 02
- Co-Supervisor for M.Sc (H) students: 09
- Major Internship Supervisor for DVM students: 10

**b. In process:**

- Major Supervisor for PhD scholars: 01
- Major Supervisor for M.Sc (H) students: 02
- Co-Supervisor for M.Sc (H) students: 03

**Research Projects:**

- *Exploring the potential of phytogetic feed additives as growth promoters in poultry* - under Startup Research Grant Program (SRGP) of Higher Education Commission of Pakistan (HEC) - 0.49 Millions PKR – Completed.
- *Optimizing the inclusion rate of canola meal and guar meal in feed of broilers and layers* - under National Research Program for Universities (NRPU) of Higher Education Commission of Pakistan (HEC) - 5.229 Millions PKR – Ongoing.
- *Production of least cost broiler ration with optimized inclusion rate of canola meal and guar meal*- under Agricultural Linkages Program (ALP) of Pakistan Agricultural Research Council (PARC) - 8.96 Millions PKR – Submitted - Under Review.

## Publications List:

**Total No. of publications:** 63  
**Total impact factor:** 124.526

1. **Hafeez, A.**, W. Akram, S. Naz, R. U. Khan, A. Abudabos, S. Tesfay, and I. A. Alhidary. 2026. Dual modification of guar meal via fermentation and enzyme treatment enhances growth performance, nutrient digestibility and gut morphology in broilers. Vet. Med. Sci. 12(1): e70785. DOI: <https://doi.org/10.1002/vms3.70785>. (IF: 1.7).
2. **A. Hafeez**, U. Saleem. S. Naz, R. U. Khan, M. Israr, A. Abudabos, I. A. Alhidary. 2026. Effects of betaine on performance, blood biochemistry, nutrient utilization and gut health in coccidia-infected broilers. Vet. Med. Sci. 0:e70779. <https://doi.org/10.1002/vms3.70779>. (IF: 1.7).
3. Ali, M., N. Chand, S. Khan, R. U. Khan, B. Maqbool, S. Naz, A. Abudabos, **A., Hafeez**, and I. A. Alhidary. 2025. In Vitro screening of antibacterial efficacy of moringa oleifera and thymus vulgaris methanolic extracts against different escherichia coli strains and their in vivo effects against e. coli-induced infection in broiler chickens. Vet. Sci. 12(10): 957. <https://doi.org/10.3390/vetsci12100957>. (IF: 2.3).
4. **Hafeez, A.**, W. Akram, S. Naz, R. U. Khan, B. Maqbool, A. H. A. Razaq, A. Abudabos, and I. A. Alhidary. 2025. Dual processing of guar meal through fermentation and enzyme supplementation improves growth, nutrient utilisation, bone quality, and gut viscosity in broilers. J. Anim. Physiol. Anim. Nutr.1-12. <https://doi.org/10.1111/jpn.70019>. (IF: 2.718).
5. **Hafeez, A.**, W. Akram, H. Al-Khalaifah, S. Naz, R. U. Khan, R.V. Tufarelli, and I. A. Alhidary. 2025. Enzyme inclusion or fermentation of canola-based diets generate different responses in growth indicators,

- carcass quality, nutrient digestibility, bone strength, and blood biochemical parameters in broiler chickens. Arch. Anim. Breed. 68(3): 485-495. <https://doi.org/10.5194/aab-68-485-2025>. (IF: 1.6).
6. Akram, W., **A. Hafeez**, S. Khan, M. Tahir, and R. U. Khan. 2025. Effects of enzyme supplementation and fermentation in canola-based diets on growth performance, intestinal viscosity and histomorphology in broiler chickens during the finisher phase. Tropic. Anim. Health Prod. 57(5), 228. <https://doi.org/10.1007/s11250-025-04481-w>. (IF: 1.559).
  7. **Hafeez, A.**, M. Haris, S. Naz, A. F. Alrefaei, R. U. Khan, N. K. Momand and D. I. Ibiwoye. 2025. Impact of dietary enzyme and fermentation treatments on the performance, digestibility, and biochemical profile of broilers consuming guar meal. Italian J. Anim. Sci. 24:1, 885-893. DOI: <https://doi.org/10.1080/1828051X.2025.2484442> (IF: 2.217).
  8. Shuaib, M., **A. Hafeez**, Paneru, D., Kim,W.K., Tahir, M., Pokoo-Aikins, A., Ullah, O., and Sufyan, A. 2025. Exploring the potential effects of soybean by-product (hulls) and enzyme (Beta- Mannanase) on laying hens during peak production. Animals. 15, 98. DOI: <https://doi.org/10.3390/ani15010098>. (IF: 3.60).
  9. **Hafeez, A.**, A. Ahmad, M. Sohail, S. Naz, I. A. Alhidary, S. Abdelrahman, and V. Tufarelli. 2024. Evaluation of black Cumin (Bunium persicum), Ajwain (Carum copticum) and Fenugreek (Trigonella foenum-graecum) dietary supplementation on growth performance, blood metabolites, ileal digestibility, bone strength and in broilers. J. App. Anim. Res. 52:1, 2427004, DOI: 10.1080/09712119.2024.2427004. (IF: 2.01).
  10. S. Iqbal, **A. Hafeez**, and R. U. Khan. 2024. Comparative effect of exogenous protease and phytobiotics on growth performance, nutrient digestibility, ileum histology and bone strength in broilers. J. App. Anim. Res. 52:1, 2399933, DOI: 10.1080/09712119.2024.2399933. (IF: 2.01).

11. Khan, S., N. Chand, **A. Hafeez**, M. Ali, Shaza Y. A. Qattan, M. Alam, S. A. Siddiqui, N. M. Nass, F. AlMalki, M. E. Abd El-Hack, H. K. Al-Gheffari, M. Al-Shehri, M. Moustafa, M. Kamal. 2024. Impact of *Bacillus subtilis* probiotic on growth, visceral and lymphatic organ weights, intestinal histo-morphology, and pathogenic bacteria of broilers. *Ann. Anim. Sci.* 1-18. DOI: 10.2478/aoas-2024-0084 (**IF: 1.80**).
  
12. R. Sikandar, **A. Hafeez**, and R. U. Khan. 2024. Impact of egg storage time and duration of fumigation on hatchability, embryonic mortality and characteristics of day old chicks. *Pak. J. Zool.* 1-7. <https://dx.doi.org/10.17582/journal.pjz/20240602050103> (**IF: 0.831**).
  
13. Shuaib, M.; **A. Hafeez**, M. Tahir, A. Sufyan, O. Ullah, M. A. Shams, S. A. Siddiqui, and A. A. Swelum. 2024. Effects of  $\beta$ -Mannanase Supplementation and Soyhull Inclusion on Production performance, Economics, Egg Quality, Blood Biochemicals, Nutrient Digestibility, and Intestinal Morphology in Golden Brown Hens (RIR  $\times$  Fayoumi) during Late Peak Production. *Animals*. 14, 2047: 1-7 <https://doi.org/10.3390/ani14142047>. (**IF: 3.60**).
  
14. **Hafeez, A.**, R. U. Khan, S. Naz, S. Batool, R. U. Khan, I. A. Alhidary, S. H. Abdelrahman and R. Tiwari. 2024. Ameliorative effect of Aloe vera supplementation on the growth indices, intestinal health, oocyst shedding under an experimentally challenged with coccidian in Japanese quails. *Italian J. Anim. Sci.* 23:1, 1269-1278. DOI: 10.1080/1828051X.2024.2391552 (**IF: 2.217**).
  
15. **A. Hafeez**, S. Ullah, S. Naz, A. F. Alrefaei, R. U. Khan, S. H. Abdelrehman, C. Losacco and M. Selvaggi. 2024. Effect of dietary polyphenol rich grape (*Vitis vinifera*) seed extract supplementation on production performance, egg quality, plasma MDA, reproductive performance and faecal microbiota of golden laying hens. *J. App.*

Anim. Res. 52:1, 2365748, DOI: 10.1080/09712119.2024.2365748 (**IF: 2.01**).

16. J. A. Nasir, N. Chand, **A. Hafeez** and R.U. Khan. 2024. Enhancing Growth Performance, Immunity, and Gut Morphology in Quails through Oyster Mushroom Stem Waste Supplementation. Pak. J. Zool. 2024: 1-10. DOI: <https://dx.doi.org/10.17582/journal.pjz/20231115021054>. (**IF: 0.831**).
17. Hamza, **A. Hafeez**, H. Awan, S. Naz, I. A. Alhidary, R. U. Khan, Y. Konca, Sharkirullah, H. U. Rehman, M. Selvaggi . 2024. Effect of graded levels of soybean oil supplementation as an energy source on broiler performance, carcass characteristics and nutrient digestibility. Pak. J. Zool. 1-6: <https://dx.doi.org/10.17582/journal.pjz/20240209140620>. (**IF: 0.831**).
18. **A. Hafeez**, D. Khan, S. Naz, R. Alonaizan, R. K. Al-Akeel, M. Israr and R. U. Khan. 2024. Effect of *Azolla pinnata* meal on growth, immunity, faecal E. coli, antioxidant capacity and gut histomorphology in Japanese quails. J. App. Anim. Res. 52:1, 2310750. DOI: <https://doi.org/10.1080/09712119.2024.2310750>. (**IF: 2.01**).
19. **A. Hafeez**, S. S. Ali, J. Akhtar, S. Naz, A. F. Alrefaei, M. F. Albeshr, M. Israr and R. U. Khan. 2024. Impact of coriander (*Coriandrum sativum*), Garlic (*Allium sativum*), fenugreek (*Trigonella foenum-graecum*) on zootechnical performance, carcass quality, blood metabolites and nutrient digestibility in broilers chickens. Vet. Quart. 44 (1): 1-7. <https://doi.org/10.1080/01652176.2023.2300948>. (**IF: 8.071**).
20. Shuaib, M., **A. Hafeez**, S. A. Siddiqui, A. Mahmood and M. S. Uzair. 2024. Combined effect of soybean hulls and enzyme ( $\beta$ -Mannanase) on the production performance and economics in golden brown laying hens (RIR×Fayoumi) during the Mid-peak production period. Pak. J.

Zool.1-6. DOI: <https://dx.doi.org/10.17582/journal.pjz/20230309160336>.  
(IF: 0.831).

21. **Hafeez, A.**, I. Ahmad, S. Naz, R. Alonaizan, R. K. Al-Akeel, R. U. Khan and V. Tufarelli. 2023. Effect of lemon (*Citrus limon*, L.) peel powder on oocyst shedding, intestinal health and performance of broilers exposed to *E. tenella* challenge. *Animals*.13, 3533. [http:// doi.org/10.3390/ani13223533](http://doi.org/10.3390/ani13223533). (IF: 3.60).
22. **Hafeez, A.**, Q. Pirai, S. Naz, M. H. Almutairi, A. F. Alrefaei, T. Ayasan, R. U. Khan, C. Losacco. 2023. Ameliorative Effect of Pomegranate Peel Powder on Growth Indices, Oocysts Shedding and Intestinal Health of Broilers Under Experimentally Induced Coccidiosis Condition. *Animals*.13, 3790. [http:// doi.org/10.3390/ani13243790](http://doi.org/10.3390/ani13243790). (IF: 3.60).
23. **A. Hafeez**, S.F. Hassni, S. Naz, R. Alonaizan, R. K. Al-Akeel, D. Sifa, S. Shamsi and R. U Khan. 2023. Impact of grape (*Vitis vinifera*) seed extract on egg production traits, nutrients digestability, lipid peroxidation and fertility of golden laying hens (*Gallus gallus*) during early stage of production. *Vet. Quart.* 43 (1): 1-7. <https://doi.org/10.1080/01652176.2023.2262543>. (IF: 8.071).
24. **A. Hafeez**, S. S. Ali, J. Akhtar, S. Naz, I. A. Al-Hidary, M. Israr and R. U. Khan. 2023. Garlic (*Allium sativum*), fenugreek (*Trigonella foenum-graecum*) and coriander (*Coriandrum sativum*): performance, nutrient digestibility and blood metabolites in broilers. *J. App. Anim. Res.* 51:1, 624-629. DOI: 10.1080/09712119.2023.2264966. (IF: 2.01).
25. Shuaib, M., Paneru, D.; **Hafeez, A.**; Tahir, M.; Kim, W.K. 2023. The chemical composition of soyhulls and their effect on amino acid and nutrient digestibility in laying hens during the peak of production.13, 2808. 1-15. *Animals*. [https:// doi.org/10.3390/ani13172808](https://doi.org/10.3390/ani13172808). (IF: 3.60).



26. Shuaib, M., **A. Hafeez**, N. Chand and M. Tahir. 2023. Effect of fiber degrading enzymes added in soybean hulls on the production performance, hematology, serum biochemistry and economics during early peak production period in laying hens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20220423190447>. (**IF: 0.831**).
  
27. Shuaib, M., **A. Hafeez**, M. S. Uzair, A. Sufyan and H. Ullah. 2023. Effect of fiber degrading enzymes added in soybean hulls on the egg quality parameters during early peak production period in laying hens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20221115101133>. (**IF: 0.831**).
  
28. Shuaib, M., **A. Hafeez**, S. Khan, M. S. Uzair, A. Sufyan, and M. Ayaz. 2022. Effect of fiber degrading enzymes added in soybean hulls on the nutrient digestibility, digesta viscosity, feces consistency and intestinal histomorphology during early peak production period in laying hens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20221117091159>. (**IF: 0.831**).
  
29. Shahzad, F., M. Tahir, **A. Hafeez**, M. Shuaib, M. S. Uzair, A. Jabbar, A. Sufyan, M. A. Khan, M. Ayaz, H. Ullah and H. Ullah. 2022. Effect of dietary protein levels enriched with subtilisin protease on the performance and nutrients utilization of broiler chicks. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20220315140341>. (**IF: 0.831**).
  
30. Shuaib, M., **A. Hafeez**, Z. Islam, A. A. Shah and S. Ullah. 2022. Effect of dietary inclusion of soybean hulls in the diet on feed proximate analysis, egg quality parameters and economics during peak egg production stages in laying hens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20220118200147>. (**IF: 0.831**).
  
31. Shuaib, M., **A. Hafeez**, W. K. Kim, A. Khan, A. Sufyan. 2022. Effect of dietary inclusion of soybean hulls in basal diet on digesta viscosity,

fecal consistency, hematology, serum biochemistry and intestinal morphometric parameters in the laying hens during peak egg production stages. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20220424140433>. (*IF: 0.831*).

32. Shuaib, M., **A. Hafeez**, N. Chand and M. Tahir. 2022. Effect of dietary inclusion of soybean hull on production performance and nutrient digestibility during peak egg production period with different phases in laying hens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20211105091115>. (*IF: 0.831*).

33. Khan, S., N. Chand, **A. Hafeez**, and N. Ahmad. 2022. Exploring the efficacy of Gum Arabic and Bacillus subtilis alone and in symbiotic form on overall performance, visceral and lymphoid organs along with intestinal histomorphology and selected pathogenic bacteria in broiler chickens. Pak. J. Zool. DOI: <https://dx.doi.org/10.17582/journal.pjz/20220618190605>. (*IF: 0.831*).

34. Khan, S., N. Chand, **A. Hafeez**, and N. Ahmad. 2022. Effect of gum arabic on overall growth performance, visceral and lymphoid organs along with intestinal histomorphology and selected pathogenic bacteria of broiler chickens. J. Anim. Health Prod. 10(1): 73-80. (*IF: 0.71*).

35. Muhammad Shuaib, Nasr Ullah, **Abdul Hafeez**, Najeeb Ullah Khan, Ibrahim A. Alhidary, Mutassim M. Abelrahman, Hani Albadani and Rifat Ullah Khan. 2021. Dietary fortification of crushed seeds of Bonium persicum on growth performance, apparent ileal digestibility and blood metabolites in broiler chicks during the starter phase. Italian J. Anim. Sci. 20: (1) 1-5. DOI: 10.1080/1828051X.2020.1861555. (*IF: 2.217*).

36. **Hafeez, A.**, S. Iqbal, A. Sikandar, S. Din, I. Khan, S. Ashraf, R. U. Khan, V. Tufarelli and V. Laudadio. 2021. Feeding of phytobiotics and exogenous protease in broilers: comparative effect on nutrient

digestibility, bone strength and gut morphology. Agric. 11(3): 228 (1-8).  
<https://doi.org/10.3390/agriculture11030228>. (IF: 3.408).

37. **Abdul Hafeez**, Wasim Akram, Asad Sultan, Yusuf Konca, Tugay Ayasan, Shabana Naz, Walikhan Shahzada and Rifat Ullah Khan. 2021. Effect of dietary inclusion of taurine on performance, carcass characteristics and muscle micro-measurements in broilers under cyclic heat stress. Italian J. Anim. Sci. 20: (1) 872-877. DOI: 10.1080/1828051X.2021.1921627. (IF: 2.217).
38. Z. Ahmad , **A. Hafeez** , Q. Ullah , S. Naz and R. U. Khan. 2020. Protective effect of Aloevera on growth performance, leucocyte count and intestinal injury in broiler chicken infected with coccidiosis. J. App. Anim. Res. 48: (1) 252-256. (IF: 2.01).
39. Noor ul Baseer, **Abdul Hafeez**, Syed Muhammad Sohail, Muhammad Ijaz, Farman Ullah, Mohammad Salim, Muhammad Altaf Hussain, Momen Khan, Ihsan Ullah Kakar , Sakandar Khan, Mehmood ul Hassan, Sajjad Ahmad, Khalid Khan, Khan Mir Khan and Imran Khan. 2020. Immune Stimulatory and Hepatoprotective Effects of Poly Herbs (Withania Somnifera, Liquorice, Allium Sativum and Berberis lycium) Mixture Extract in Broilers. Sch. J. Agric. Vet. Sci. 7(6): X. DOI: 10.36347/sjavs.2020.v07i06.00X.
40. Muhammad Shuaib, Nasr Ullah, **Abdul Hafeez**, Ibrahim A. Alhidary, Mutassim M. Abdelrahman and Rifat Ullah Khan. 2020. Effect of dietary supplementation of wild Cumin (Bunium persicum) seeds on performance, nutrient digestibility and circulating metabolites in broiler chicks during the finisher phase. Anim. Biotech. DOI: 10.1080/10495398.2020.1844222. (IF: 1.42).
41. U. Haq, **A. Hafeez**, and R. U. Khan. 2020. Protective effect of Nigella sativa and Saccharomyces cerevisiae on zootechnical characteristics, fecal Escherichia coli and hematopoietic potential in broiler infected

- with experimental Colibacillosis. Livestock Sci. 239, 104119: 1-5.  
<https://doi.org/10.1016/j.livsci.2020.104119>. (IF: 1.97).
42. **A. Hafeez**, Z. Ullah, R.U. Khan, Q. Ullah, and S. Naz. 2020. Effect of diet supplemented with coconut essential oil on performance and villus histomorphology in broiler exposed to avian coccidiosis. Tropic. Anim. Health Prod. 52: 2499–2504. <https://doi.org/10.1007/s11250-020-02279-6>. (IF: 1.559).
43. **A. Hafeez**, S. A. A. Shah, R.U. Khan, Q. Ullah, and S. Naz. 2020. Effect of diet supplemented with phytogenics and protease enzyme on performance, serum biochemistry and muscle histomorphology in broilers. J. App. Anim. Res. 48 (1): 326-330. (IF: 2.01).
44. **Hafeez**, M. Sohail, A. Ahmad , M. Shah, S. Din, I. Khan, M. Shuiab , Nasrullah, W. Shahzada, M. Iqbal, and R. U. Khan. 2020. Selected herbal plants showing enhanced growth performance, ileal digestibility, bone strength and blood metabolites in broilers. J. App. Anim. Res. 48 (1):448-453. (IF: 2.01).
45. Rafi Ullah, Sarzamin Khan, **Abdul Hafeez**, Nazir Ahmad Khan, Naila Chand, Asad Sultan, and Naseer Ahmad. 2016. Silkworm meal as alternate protein ingredient in broiler finisher ration. Pak. J. Zool. 49 (4) 1463-1470. (IF: 0.831).
46. M. S. Yousaf, F. Goodarzi Boroojeni, W. Vahjen, K. Männer, **A. Hafeez**, H. Ur-Rehman, S. Keller, S. Peris & J. Zentek. 2016. Encapsulated benzoic acid supplementation in broiler diets influences gut bacterial composition and activity. Br. Poult. Sci. 58 (2): 122-131. (IF: 2.095).
47. M. S. Yousaf, A. Ijaz, K. Ashraf, M. A. Rasheed, **A. Hafeez**, H. Zaneb, E. Dar, R. Naseer, I. Rabbani, J. Zentek and H. Rehman. 2016. Comparative effects of different dietary concentrations of  $\beta$ -galacto-

- oligosaccharides on growth performance, feed conversion efficiency and organs development in broilers. J. Anim. Plant Sci. 26 (6): 1603-1608. **(IF: 0.570)**.
48. **Hafeez. A.**, K. Männer, C. Schieder and J. Zentek. 2016. Effect of supplementation of etheric oils (powdered vs. granulated) in diet on performance and nutrient digestibility in broiler chickens. Poult. Sci. 95: 622-629. **(IF: 4.014)**.
49. **Hafeez. A.**, A. Mader, I. Ruhnke, K. Männer and J. Zentek. 2016. Effect of feed grinding methods with and without expansion on prececal and total tract mineral digestibility as well as on interior and exterior egg quality in laying hens. Poult. Sci. 95: 62-69. **(IF: 4.014)**.
50. Ruhnke, I., I. Röhe, F. Goodarzi Boroojeni, F. Knorr, A. Mader, **A. Hafeez**, and J. Zentek. 2015. Feed supplemented with organic acids does not affect starch digestibility, nor intestinal absorptive or secretory function in broiler chickens. J. Anim. Physiol. Anim. Nutr. 99 (Suppl.1):29-35. **(IF: 2.718)**.
51. Ruhnke, I., I. Röhe, C. Krämer, F. Goodarzi Boroojeni, F. Knorr, A. Mader, E. Schulze, **A. Hafeez**, R. Löwe and J. Zentek. 2015. Effect of feed particle size, milling method, and heat treatment on performance, apparent ileal digestibility and pH of the digesta in laying hens. Poult. Sci. 94:692-699. **(IF: 4.014)**.
52. M. S. Yousaf, I. Ahmad, K. Ashraf, M. Afzal, **A. Hafeez**, A. Ahmad, H. Zaneb, M. Q. Zaman, J. Zentek, H. Rehman. 2015. Comparative effects of different dietary concentrations of  $\beta$ -galacto-oligosaccharides on serum biochemical metabolites, selected caecal microbiota and immune response in broilers. J. Anim. Plant Sci. 27 (1): 98-105. **(IF: 0.570)**.

53. **Hafeez, A.**, A. Mader, I. Ruhnke, I. Röhe, F. Goodarzi Boroojeni, M. S. Yousaf, K. Männer, and J. Zentek. 2015. Implication of milling methods, thermal treatment, and particle size of feed in layers on mineral digestibility and retention of minerals in egg contents. Poult. Sci. 94: 240-248. **(IF: 4.014)**.
54. **Hafeez, A.**, A. Mader, I. Ruhnke, I. Röhe, F. Goodarzi Boroojeni, M. S. Yousaf, K. Männer, and J. Zentek. 2015. The effect of milling method, thermal treatment, and particle size of feed on exterior and interior egg quality in laying hens. Europ. Poult. Sci. 79. 2015, ISSN 1612-9199, © Verlag Eugen Ulmer, Stuttgart. doi : 10.1399/eps.2015.76. **(IF: 0.84)**.
55. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, K. Männer, and J. Zentek. 2014. The effects of different thermal treatments and organic acid levels on nutrient digestibility in broilers. Poult. Sci. 93:1159–1171. **(IF: 4.014)**.
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57. **A. Hafeez**, A. Mader, F. Goodarzi Boroojeni, I. Ruhnke, I. Röhe, K. Männer, and J. Zentek. 2014. Impact of thermal and organic acid treatment of feed on apparent ileal mineral absorption, tibial and liver mineral concentration, and tibia quality in broilers. Poult. Sci. 93 :1754–1763. **(IF: 4.014)**.
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### **Book (PhD Dissertation) published:**

- ❖ **Hafeez, A.** 2015. Effect of different feed treatment strategies on apparent mineral digestibility and retention in broilers and layers and egg quality in laying hens. Mensch und Buch Verlag, Berlin, Germany. ISBN: 978-3-86387-608-1.

### **Abstracts in conference proceedings:**

1. **Hafeez, A.**, A. Mader, F. Goodarzi Borojani, I. Ruhnke, K. Männer, and J. Zentek. 2014. Impact of thermal and organic acid treatment of feed on apparent absorption and metabolism of minerals and tibia quality in broilers.

68th conference of the Society of Nutrition Physiology (68. Tagung der Gesellschaft für Ernährungsphysiologie). Göttingen. Germany.

2. **Hafeez, A.,** A. Mader, I. Ruhnke, I. Röhe, F. Goodarzi Boroojeni, E. Schulze, K. Männer and J. Zentek. 2014. The effect of feed particle size, milling method, and thermal treatment, on interior and exterior egg quality in laying hens. 18th Congress of the European Society of Veterinary and Comparative Nutrition. Utrecht, The Netherlands.
3. **Hafeez, A.,** K. Männer and J. Zentek. 2015. New data on effect of essential oils supplementation in broiler diets. 19th Congress of the European Society of Veterinary and Comparative Nutrition. Toulouse, France.
4. **Hafeez, A.,** A. Mader, I. Röhe, I. Ruhnke, F. Goodarzi Boroojeni, M. S. Yousaf, K. Männer and J. Zentek. 2014. The impact of milling methods and thermal treatment of feed on apparent ileal absorption, apparent total digestibility and retention of minerals in egg contents in laying hens. 30th Annual Meeting of Society of Minerals and trace elements, 2014- Interactions of trace elements / studies in animal models. (30. Jahrestagung der GMS, 2014 Gesellschaft für Mineralstoffe und Spurenelemente e.V- Interaktionen von Spurenelementen / Untersuchungen im Tiermodell.). Freising-Weihenstephan, Germany.
5. **Hafeez, A.,** A. Mader, F. Goodarzi Boroojeni, I. Ruhnke, I. Röhe, K. Männer, and J. Zentek. 2014. Impact of thermal and organic acid treatment of feed on apparent ileal mineral absorption and tibial and liver mineral concentration in broilers. SFB Workshop 2014, Microbial Hazards in the Feed Chain. Berlin, Germany.
6. **Hafeez, A.,** A. Mader, I. Ruhnke, I. Röhe, F. Goodarzi Boroojeni, M. S. Yousaf, K. Männer, and J. Zentek. 2015. Effect of milling methods, thermal treatment, and particle size of feed in layers on prececal and total tract digestibility as well as on trace element content of eggs. 69th conference of the Society of Nutrition Physiology (69. Tagung der Gesellschaft für Ernährungsphysiologie). Göttingen. Germany.



7. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, C. Villodre, K. Männer and J. Zentek. 2014. Effect of different heat treatments and organic acid levels in feed on the gastrointestinal microbiota in broilers. 68th conference of the Society of Nutrition Physiology (68. Tagung der Gesellschaft für Ernährungsphysiologie). Göttingen, Germany.
8. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, C. Villodre, K. Männer and J. Zentek. 2014. Effect of different heat treatments and organic acid levels in feed on the gastrointestinal microbiota in broilers. XIVth European Poultry Conference. Stavanger, Norway.
9. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, C. Villodre, K. Männer and J. Zentek. 2014. Effect of different heat treatments and organic acid levels in feed on the gastrointestinal microbiota in broilers. 18th Congress of the European Society of Veterinary and Comparative Nutrition. Utrecht, The Netherlands.
10. Ruhnke, I., I. Röhe, F. Goodarzi Boroojeni, F. Knorr, A. Mader, **A. Hafeez** and J. Zentek. 2014. Bacterial metabolites in the crop, ileum and caecum depend on milling method, thermal treatment and particle size of feed in laying hens. 18th Congress of the European Society of Veterinary and Comparative Nutrition. Utrecht, The Netherlands.
11. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, C. Villodre, K. Männer and J. Zentek. 2014. The effects of different thermal treatments and organic acids levels in feed on nutrient digestibility and gut microbiota in broilers. SFB Workshop 2014, Microbial Hazards in the Feed Chain. Berlin, Germany.
12. Goodarzi Boroojeni, F., W. Vahjen, A. Mader, F. Knorr, I. Ruhnke, I. Röhe, **A. Hafeez**, C. Villodre, K. Männer and J. Zentek. 2014. The effects of different thermal treatments and organic acid levels in feed on bacterial

composition and activity in gastrointestinal tract of broilers. XVI International Symposium Feed Technology. Novi Sad, Serbia.

13. Goodarzi Boroojeni, F., Vahjen, W., Mader, A., Knorr, F., Ruhnke, I., Röhe, I., **Hafeez, A.**, Villodre, C., Männer, K. und Zentek, J. 2014. The effect of different thermal treatments and organic acid levels on nutrient digestibility in broilers. XVI International Symposium Feed Technology. Novi Sad, Serbia.
14. Mader, A., Goodarzi Boroojeni, F., Knorr, F., Ruhnke, I., Röhe, I., **Hafeez, A.**, Männer, K., Vahjen, W. und Zentek, J. 2014. Ernährungsphysiologische Untersuchungen von dekontaminierten Futtermitteln, 14. Fachtagung Fleisch- und Geflügelhygiene, Berlin, Germany.
15. **A. Hafeez**, A. Mader, I. Ruhnke, F. Goodarzi Boroojeni, M. S. Yousaf, K. Männer and J. Zentek. 2015. Effect of feed form and particle size in laying hens on mineral digestibility and some egg quality traits. 3<sup>rd</sup> Int. Workshop on Dairy Sci. Park. Peshawar, Pakistan.
16. Effect of individual and combined supplementation of phytobiotics and proteases in feed on intestinal histomorphology, nutrient digestibility and bone quality in broilers. 2019. Shahid Iqbal, **Abdul Hafeez**, Naila Chand, Muqader Shah, and Sarzamin Khan. International Conference on Strategies for ensuring food security in the challenging climate. October 23-24, 2019, Peshawar Pakistan.

#### **Oral presentations in conferences:**

- 68. GfE-Jahrestagung, 18 - 20 March 2014, Göttingen (Germany)
- "Microbial Hazards in the Feed Chain", 01 – 02 September 2014, Berlin (Germany)
- 18th ESVCN congress, 11 - 13 September 2014, Utrecht (The Netherlands)
- 30. Jahrestagung der GMS, 09 – 11 October 2014, Freising-Weihenstephan (Germany)
- 69. GfE-Jahrestagung, 10 - 12 March 2015, Göttingen (Germany)

**Conferences attended:**

- ✓ 2<sup>nd</sup> National Training on “Commercial Ostrich Farming” sub theme “Ostrich Diseases and Health”, 02-04.08.17, Rawalpindi (Pakistan).
- ✓ 4<sup>th</sup> International Conference “Language, Literature and Society”, 05-08 January 2017, Islamabad (Pakistan).
- ✓ “8<sup>th</sup> “Hafez” International Symposium on Turkey Production”, 28-30 May 2015, Berlin (Germany).
- ✓ 69. GfE-Jahrestagung, 10 - 12 March 2015, Göttingen (Germany)
- ✓ 30. Jahrestagung der GMS, 09 – 11 October 2014, Freising-Weihenstephan (Germany)
- ✓ 18th ESVCN congress, 11 - 13 September 2014, Utrecht (The Netherlands)
- ✓ “Microbial Hazards in the Feed Chain”, 01 – 02 September 2014, Berlin (Germany)
- ✓ “10<sup>th</sup> “Hafez” International Symposium on Turkey Diseases”, 05-07 June 2014, Berlin (Germany).
- ✓ 68. GfE-Jahrestagung, 18 - 20 March 2014, Göttingen (Germany)
- ✓ “4<sup>th</sup> International Biennial Conference for Microbiology” 24-28 June 2002, Peshawar (Pakistan).

**Trainings attended:**

- ✓ Deutsch (German) language courses up to B-2 level.
- ✓ Training- “Ostrich Diseases and management”
- ✓ Training – “Statistics refresher with SPSS”
- ✓ Training – “Improved reading”
- ✓ Training – “Scientific data management”
- ✓ Training – “What to consider planning animal experiments”
- ✓ Training – “Good scientific practice”
- ✓ Training - “Professional competency enhancement program”
- ✓ Training - “Research report writing and presentation in plant sciences”
- ✓ Training - “Gender awareness and sensitization”.
- ✓ Training - “Gender development (M & E)”
- ✓ Training - “Understanding and up keeping internet”
- ✓ Training - “Technical writing and paper publication”

- ✓ Training - “ Enhancement of teaching capabilities”
- ✓ Training - “Presiding officers for Election,2008”
- ✓ Training – “Training workshop for NAEAC Program Evaluators”

#### **Trainings / surveys/ expert visits Conducted:**

- Resource person for training of Poultry and meat vendors of District Bagh-AJK, conducted by USAID funded project CNFA, I-LED Islamabad.
- Resource person for training of Poultry Extension Workers of District Bunir, conducted by UNDP funded project SRSP, Bunir under Peace & Development Program.
- Resource person for training of women in commercial poultry production at District Haripur, conducted by Asian Development Bank (ADB) funded project BADP-II Haripur.
- Resource person for training of women in domestic poultry production at District Haripur, conducted by Asian Development Bank (ADB) funded project BADP-II Haripur.
- Resource person for training of farmers in livestock and dairy management at District Haripur, conducted by Livelihood Programme (LP) KPK.
- Conducted a survey of flood affected areas of District Nowshera, under a joint venture of IRC, Peshawar and KPK AUP.
- Coordinator for 3 days training of farmers of FR Peshawar in “Layer Production”, sponsored by USAID funded project FATA Local Area Development Program.
- Resource person for 3 days training of farmers of FR Peshawar in “Layer Production”, sponsored by USAID funded project FATA Local Area Development Program.
- Organizer for the “Pets and Bird Show” at The University of Agriculture Peshawar on 04.03.2023.

#### **Curricular and Co-curricular activities:**

- ✓ Member, Board of Faculty, Faculty of Veterinary Sciences, University of Veterinary and Animal Sciences Swat.

- ✓ Member “HEC Inspection Team for UVAS Swat” on December 13, 2025.
- ✓ Member “Board of Studies, Department of Poultry Science, FAH&VS, The University of Agriculture Peshawar.
- ✓ Seminar Incharge for the postgraduate degree programs at Faculty of Animal Husbandry & Veterinary Sciences, The University of Agriculture Peshawar.
- ✓ Focal Person ORIC for the Department of Poultry Science, FAH&VS, The University of Agriculture Peshawar.
- ✓ Associate Editor, Sarhad Journal of Agriculture, The University of Agriculture Peshawar, for the year 2022-2024.
- ✓ Editor Urdu section, university magazine “Khirman” for edition 2004 at KPK Agricultural University Peshawar.
- ✓ Secretary General Student Welfare Council, KPK Agricultural University Peshawar for the year 2002-04.
- ✓ Rendered services with NCC 78 Company at Govt. Degree College Haripur Hazara, KPK.
- ✓ Served as “Presiding Officer” during General Elections 2008.

#### **Computer skill:**

- ▶ Office automation
- ▶ IBM SPSS
- ▶ End Note

#### **References:**

##### **1. Prof. Dr. Jürgen Zentek**

Dean  
Faculty of Veterinary Medicine  
Freie University, Berlin, Germany

##### **2. Prof. Dr. Sarzamin Khan**

Chairperson  
Department of Poultry Science  
& Ex-Dean  
Faculty of Animal Husbandry and Veterinary Sciences  
The University of Agriculture, Peshawar Pakistan

**3. Prof. Dr. Habib ur Rehman**

Dean  
Faculty of Bio Sciences  
University of Veterinary and Animal Sciences, Lahore Pakistan