

CURRICULUM VITAE

Name	<i>Dr. Faiza Hassan</i>
Present Position	Lecturer, Institute of Physiology and Pharmacology, Faculty of Veterinary Science, University of Agriculture, Faisalabad. Pakistan
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Dr. Faiza Hassan is working as Lecturer in Institute of Physiology and Pharmacology, Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan. She has skill and experience within the field of Pharmacology.

So far she has taught following major courses to Under Graduates in alternate semesters;
Pharm-401 General and systemic Pharmacology

Pharm-402 Chemotherapy & Toxicology

While regarding Post Graduate Courses she was Principal Instructor in the following courses

Pharm-712 Biochemical Pharmacology

Pharm-704 Pharmacokinetics

Pharm-711 Systemic toxicology

She has recently achieved a mile stone by completing her Ph. D. degree in field of Pharmacology, FVS, UAF. Use of herbal plants for the treatment of Diabetes. She has tried to address this issue by successfully using some herbal formulation as an alternative to routinely used medicine.

Key Skills

- Diabetes mellitus and Arthritis management with novel therapeutics approaches.
- Nanotechnology.
- Drug interaction studies.
- Lipid regulating indigenous medicines.
- Herbal medicine

Education

2022	Ph. D. Pharmacology, FVS, University of Agriculture, Faisalabad, Pakistan.
2014	M. Phil. Pharmacology, FVS, University of Agriculture, Faisalabad, Pakistan.
2012	Doctor of Veterinary Medicine (DVM), FVS, University of Agriculture, Faisalabad, Pakistan.
2007	Higher Secondary School Certificate, B.I.S.E., Faisalabad
2004	Secondary School Certificate, B.I.S.E., Faisalabad

Awards and Honours

University Merit Scholarship Holder during DVM
Distinction in DVM degree(Bronze medal)

Trainings and Foreign Tour

Visit to Konya (turkey) under the collaborative project TIKa

Professional Affiliations

1. Member Pakistan Veterinary Medical Council.
2. Post graduate Advisor IPP, FVS, UAF.

Postgraduate Research Projects Supervised as Principal Supervisor. (12 completed)

Languages

	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
English	Fluent	Fluent	Fluent
Punjabi	Fluent	Fluent	Fluent
Arabic	Basic knowledge	Fluent	Basic knowledge
Urdu	Mother language	Mother language	Mother language

Publications

- 1- Haroon, K., **F. Hassan**, M.R Sajid, T. Sahar, M. Ijaz, M. T Mohyud-din, A. Manzoor, M. Babar, A.Rashid and K. Iqbal **2024**. Anti-Proliferative Effect of Biosynthesized Zinc Oxide Nanoparticles Using *Albiza Lebbeck* Leaves Extract Against Arsenic Induced Liver Cancer in Rats; Pakistan Journal of Agricultural Sciences.61 :923-929;(IF **0.856**)
- 2- Asif, I., M.T.M. Din, M. Ijaz, A. Manzoor, **F. Hassan**, M.S. Mehmood, F. Aslam, M. Saim and Z.M. Din. **2024**. Evidence Based Investigation of the Hepatoprotective Potential of Orange Peel and Banana Peel. Pakistan Journal of Agricultural Sciences. 61: 695-702. (IF **0.856**)
- 3- **Faiza Hassan**, Bilal Aslam, Faqir Muhammad and Muhammad Naeem Faisal, 2022. Hypoglycemic properties of *Sphaeranthus indicus* and *Nigella sativa* in alloxan induced diabetes mellitus in rats; a new therapeutic horizon. Pak Vet J, 42(2): 141-146. <http://dx.doi.org/10.29261/pakvetj/2022.011>
- 4- Ali, A., M. Ijaz, A. Manzoor, Z.M. Din, M.T.M. Din, **F. Hassan**, S. Arooj and M. Shafaq, **2022**. Evaluation of potential use of mosquito net as an alternative and cheaper source for hernia repair in rabbits. Journal of Global Innovations in Agricultural Sciences. 10:139-146.
- 5- Ijaz M, Manzoor A, Mohy-ud-Din MT, **Hassan F**, Mohy-ud-Din Z, Ans M, Saleem MI, Khan HH and Khanum F, 2021. An economical non-antibiotic alternative to antibiotic therapy for subclinical mastitis in cows. Pak Vet J.41(4):475-80. <http://dx.doi.org/10.29261/pakvetj/2021.059>(IF: **1.318**)
- 6- M. Ali, M. Ijaz, A. Manzoor, M.T. Mohy-ud-Din, **F. Hassan**, R. Tabassum, Z.A. Bhutta, W. Ali, M. Muneeb, U. Mehtab and M.A. Zafar, **2020**. Efficacy of *Azadirachta indica* (Neem) leaf extract and hypertonic saline solution as intratesticular chemical sterilizing agents in dogs. Braz J Vet Res Anim Sci. 2020;57(4): e171582. <https://doi.org/10.11606/issn.1678-4456.bjvras.2020.171582>.
- 7- M. Ijaz, R.A. Aleem, A. Manzoor, A.S. Qureshi, **F. Hassan**, M.T. Mohy ud Din, Z. Mohy ud Din, K. Hayyat and R. Tabassum, **2019**. Comparative Evaluation of Single, Bilateral Intra-Testicular Injection of Hypertonic Saline Solution and Calcium Chloride as Chemical

- Sterilizing Agents in Male Cats. Biomed J Sci & Tech Res 21(3)-2019. BJSTR. MS.ID.003598.
- 8- Ijaz.S., R.Naheed . imran ul haq, **F. Hassan** ,M.Hussain. Assessing epigenetic variation in tissue culture based plants of sugarcane using HPLC Approach. International journal of bioscience.vol 14 no.3 p 65-71-2019.
 - 9- **Hassan, F.**, S. Altaf,M. Ijaz and M. T. Mohy-ud-din, **2016**. A Review on Ceftiofur Sodium. Int. J. Adv. Sci. Res. Manage. 1(8): 22-26 (ISSN 2455-6378).
 - 10- **Hassan, F.**, S. Altaf,M. Ijaz, M. T. Mohy-ud-din, **2016**. A Review on Flunixin Meglumine. Int. J. Med. Res. 1(2): 36-38(ISSN)
 - 11- Altaf.S , and **F. Hassan**, 2016, Surgical treatment protocols for hepatocellular carcinoma., Int. J. Gen. Med. Pharm. , 5, 43-62
 - 12- M. Fiaz. , J.A Khan, A.Fiaz, S.Ataf, Z.Kaleem, and **F. Hassan**, 2016, Renal clearance and urinary excretion of cefuroxime in healthy male volunteers, Int. J. Inno. Res, 26, 429-434

Abstracts

- 1- Tahir, M., **F. Hassan**, M.R. Sajid, M. Ijaz, K. Iqbal and I. Abbas, **2023**. Evaluation of the hepatoprotective effect of *Citrus sinensis* against gentamicin-induced hepatotoxicity in albino rats. 2nd International Scientific Research Conference, October 7-8, 2023. Ankara Turkiye.
- 2- **Hassan, F.**, M. Ijaz and M. T. Mohy-ud-din, **2018**. Herbal Medicine Toxicity. Proc. Of the “Int. Conf. on Dairy Animal Health Challenges”, January 17-18, 2018. Faculty of Vet. Sci., UAF. Pp. 77.
- 3- R.M. Umer, **F. Hassan**, M. Khaliq, M. R. Sajid, M. Ijaz, **2022**. Antiulcer activity of Berberis Lyceum in Rabbit Model in International Istanbul Scientific Research Congress on July 23-25, 2022 in Turkey

Manuals

1. Manual of General and Systemic Pharmacology
2. Manual of chemotherapy and toxicology

Book Chapter

- 1- **Hassan, F.**, M. Khaliq, M.R. Sajid, M. Ijaz, M.T. Mohy-ud-Din and A. Manzoor, 2023. Aflatoxins of Summer Fodders: Causes and Management, In. Sustainable Summer Fodder, Production, Challenge, and Prospects. Eds. IU Haq, S. Ijaz and H.M. Ali. CRC Press. Pp; 26-57.
- 2- Manzoor, A., M. Ijaz, M.T. Mohy-ud-Din and **F. Hassan**, 2022. Toxins of Preserved Fodders: A Threat to Livestock, In. Sustainable Winter Fodder, Production, Challenge, and Perspectives. Eds. IU Haq and S. Ijaz. CRC Press. Pp; 365-392.
- 3- Hina, F.akmal. **F. Hassan**, N.Ataf, M Akmal, S Ahmad, S.Javed, F.Mohsin, Holistic Healing Traditions: Ancient Insight for Modern Wellness: Book Ethnopharmacology ethnobotany of medicinal plants By fahumsci an academic publisher.
- 4- Babar, M., **F. Hassan**, M. Ijaz, M.T. Mohy-ud-Din Chemoinformatics: Trends in plant biotechnology by Siddra Ijaz et al.(eds.) Springer Nature ISBN 978-981-97-0813-0