

PERSONAL INFORMATION



SAIFUR REHMAN

📍 Lundi Nashaib P/O Hassan Shah Tehsil Darya Khan district Bhakkar, Punjab, Pakistan

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Sex | Male Date of birth | 01/04/1992 | Nationality | Pakistani

WORK EXPERIENCE

2nd May 2025 to ongoing	Assistant Professor Faculty of Veterinary Sciences UVAS SWAT Pakistan
16 th August 2023 to March 2025	Assistant Professor Faculty of Veterinary and Animal Sciences Gomal University Dera Ismail Khan Teaching and Research activities (supervision) HEC Approved PhD Supervisor
15 th November 2023 to present	▪ Supervision of M Phil and PhD scholars Visiting Lecturer Fakultas Vokasi Universitas Airlangga Surabaya Indonesia
12 th August, 2022 to 31 st Dec, 2022)	Ph.D. Researcher Universitas Airlangga Surabaya Indonesia
2020-2023	Work at BSL2 and BSL3 lab

EDUCATION AND TRAINING

2020-2023	Doctor of Philosophy (Ph.D.) Veterinary Sciences Faculty of Veterinary Medicine Airlangga University Surabaya, Indonesia ▪ Molecular Epidemiology and Associated Risk Factors of Avian Influenza A Virus Subtypes H5 and H9 in Poultry of Live Bird Markets of East Java Province, of Indonesia	1 st 3.91/4 With honour
2018-2020	Master of Philosophy (MPhil) Epidemiology and Public Health University of Veterinary and Animal Sciences, Lahore, Pakistan ▪ Seroprevalence of Avian Influenza H9N2 in Backyard Poultry of District Bhakkar Punjab	1 st 3.59/4
2013-2017	Doctor of Veterinary and Medicine (D.V.M) Gomal University Dera Ismail Khan, KPK, Pakistan ▪ Veterinary Sciences	1 st 3.74/4
2009-2011	Fsc Pre-Medical Govt Degree College Bhakkar, Punjab, Pakistan ▪ Physics, Biology, Chemistry	1 st A Grade
2006-2008	Matriculation Govt. High school Hassan Shah, Bhakkar Punjab Pakistan ▪ Physics, Biology, Chemistry	1 st A+ Grade

PERSONAL SKILLS

Mother tongue(s)

Urdu

Other language(s)

English
Bahasa Indonesia

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1/C2	C1/C2	B1/B2	B1/B2	C1/C2
A1/A2	B1/B2	B1/B2	B1/B2	C1/C2

Replace with name of language certificate. Enter level if known.

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication Skills

Organization Skills

- Assistant Professor

Job-related skills

I am an Epidemiologist currently employed as an Assistant Professor and researcher. My areas of expertise include Virology, Molecular epidemiology, and microbiology. My Ph.D. dissertation specifically focused on avian influenza strains H5 and H9. I have published extensively in high-impact factor journals.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Good command of office suite (word processor, spread sheet, presentation software)
- Good command of photo editing software gained as an amateur photographer
- MS-Office XP, MS-Windows XP, Window 7, MSTATC, Internet browsing, SPSS Version 25.

Lab skills

- PCR (RT-PCR, qRT-PCR)
- Serological Test (HA, HI)
- Rose Bengal Test (RBT)
- Preparation of Culture, Media
- Analysis of Virus
- Sampling Techniques
- SPSS
- Mega XI
- Bio-Edit
- Primer designing (Automatic and Manual method)

ADDITIONAL INFORMATION

Publications

- **Rehman, S.**, Effendi, M. H., Shehzad, A., Rahman, A., Rahmahani, J., Witaningrum, A. M., & Bilal, M. (2022). Prevalence and associated risk factors of avian influenza A virus subtypes H5N1 and H9N2 in LBMs of East Java province, Indonesia: a cross-sectional study. *PeerJ*, 10, e14095. <https://doi.org/10.7717/peerj.14095>. (HEC recognized W category IF 3.061)
- **Rehman, S.**, Shehzad, A., Andriyani, L. D., Effendi, M. H., Abadeen, Z. U., Khan, M. I., & Bilal, M. (2023). A cross-sectional survey of avian influenza knowledge among poultry farmworkers in Indonesia. *PeerJ*, 11, e14600. (HEC recognized W category IF 3.061)
- **Rehman, S.**, Prasetya, R. R., Rahardjo, K., Effendi, M. H., Rantam, F. A., Rahmahani, J., & Shimizu, K. (2023). Whole-genome sequence and genesis of an avian influenza virus H5N1 isolated from a healthy chicken in a live bird market in Indonesia: accumulation of mammalian adaptation markers in avian hosts. *PeerJ*, 11, e14917. (HEC recognized W category IF 3.061)
- **Rehman, S.**, Batool, K., Lokapimasari, W. P., Ullah, S., Khan, M. S., Abubakar, A. A. & Jamal, M. (2024). The evolution of H5N1 influenza viruses in Indonesia to mammalian hosts: a review of molecular markers. *World's Poultry Science Journal*, 1-22. (HEC recognized W category IF 3.543).
- **Rehman, S.**, Rantam, F. A., Rehman, A., Effendi, M. H., & Shehzad, A. (2021). Knowledge, attitudes, and practices toward rabies in three provinces of Indonesia. *Veterinary World*, 14(9), 2518. (**Rehman, S.**, Rantam, F. A., Rehman, A., Effendi, M. H., & Shehzad, A. (2021). Knowledge, attitudes, and practices toward rabies in three provinces of Indonesia. *Veterinary World*, 14(9), 2518. (HEC recognized W category IF 1.984)
- **Rehman S.**, Nnabuike UE, Abbas A, Rahman A, Malik U, et al., (2022). A study on the impacts of COVID-19 on health, economy, employment, and social life of people in Indonesia. *Adv. Life Sci.* 9(3): 340-346. (HEC recognized X category)
- **Rehman, S.**, Rantam, F. A., Batool, K., Rahman, A., Effendi, M. H., Rahmahani, J., & Jamal, M. (2022). Knowledge, attitude, and practices associated with avian influenza among undergraduate university students of East Java Indonesia: A cross-sectional survey. *F1000Research*, 11. (HEC recognized X category IF= 1)
- **Rehman, S.**, Rantam, F.A., Batool, K., Rahman, A., Effendi, M.H., Khan, M.I. and Bilal, M., 2022. Prevalence of avian influenza in humans and different bird species in Indonesia: A review. *Iraqi Journal of Veterinary Sciences*, 36(3), pp.709-718. (HEC recognized X category)
- **Rehman, S.**, Rantam, F. A., Batool, K., Shehzad, A., Effendi, M. H., Witaningrum, A. M., & Purnama, M. T. E. (2022). Emerging threat and vaccination strategies of H9N2 viruses in poultry in Indonesia: A review. *F1000Research*, 11(548), 548. (HEC recognized X category IF=1)
- **Rehman, S.**, Khan, M. I., Rantam, F. A., Effendi, M. H., Shehzad, A., & Tariq, A. (2021). Seroprevalence and associated risk factors of avian influenza virus subtype H9N2 in backyard poultry of Peshawar Pakistan. *Journal of the Indonesian Tropical Animal Agriculture*, 46(3), 209-218. (HEC recognized Y category).
- **Rehman S**, Effendi MH, Witaningruma AM, Nnabuikeb UE, Bilal M, Abbas A, Abbas RZ, Hussain K. Avian influenza (H5N1) virus, epidemiology and its effects on backyard poultry in Indonesia: a review. *F1000Res*. 2022 Nov 15;11:1321. doi: 10.12688/f1000research.125878.2. PMID: 36845324; PMCID: PMC9947427. (HEC recognized X category, IF 1).
- **Rehman, S.**, Khan, M. H., Bilal, M., Lokapimasari, W. P., Ullah, S., Khan, M. S., Shah, M. K., & Tariq, A. (2024). An updated review of human monkeypox disease: A new potential global hazard. *Iraqi Journal of Veterinary Sciences*, 38(1), 225-231. doi: 10.33899/ijvs.2023.141069.3102 (HEC recognized X category)
- **Rehman S**, Abuzahra M, Wibisono FJ, Effendi MH, Khan MS, Ullah S, Abubakar AA, Zaman A, Shah MK, Malik MI, Rahman A, Abbas A and Nadeem M, 2024. Identification of risk factors and vaccine efficacy for lumpy skin disease in Sidoarjo and Blitar districts of East Java, Indonesia. *Int J Vet Sci*, 2024, 13(5): 574-579. <https://doi.org/10.47278/journal.ijvs/2024.137> (HEC recognized X category)

- Khairullah, A. R., **Rehman, S.**, Sudjarwo, S. A., Effendi, M. H., Ramandinianto, S. C., Gololodo, M. A., ... & Kurniawati, D. A. (2022). Detection of mecA gene and methicillin-resistant Staphylococcus aureus (MRSA) isolated from milk and risk factors from farms in Probolinggo, Indonesia. *F1000Research*, 11(722), 722. **(HEC recognized X category, IF 1).**
- Rehman, A. U., Shah, A. H., Rahman, S. U., **Rehman, S.**, Shah, M. K., Lokapimasari, W. P., Khan, I., Malik, M. I., & Yulianto, A. B. (2023). Molecular identification and cross-immunogenic study on two field isolates of *Mycoplasma synoviae* isolated from broilers in five districts of Khyber Pakhtunkhwa. *Open veterinary journal*, 13(10), 1299–1307. **(HEC recognized X category)**
- Shehzad, A., Masud, A., Fatima, T., Khan, F. M., **Rehman, S.**, Effendi, M. H., ... & Bibi, S. (2022). Seroprevalence of Toxoplasma gondii and associated alterations in hematology and serum biochemistry of one-humped camels (Camelus dromedarius) in Pakistan. *Veterinary World*, 15(1), 110. **(HEC recognized W category IF 1.984).**
- Shehzad, A., Rantam, F. A., Tyasningsih, W., & **Rehman, S.** (2020). Prevalence of bovine and human brucellosis in Pakistan—a review. *Advanced Animal and Veterinary Science*, 9(4), 473-482.
- Khairullah, A. R., Kurniawan, S. C., Effendi, M. H., Sudjarwo, S. A., Ramandinianto, S. C., Widodo, A., ... & **Rehman, S.** (2023). A review of new emerging livestock-associated methicillin-resistant Staphylococcus aureus from pig farms, *Veterinary World*, 16 (1): 46–58. Abstract Methicillin-resistant Staphylococcus aureus. **(HEC recognized W category IF 1.984).**
- Hashaam, H. M., Naveed, **S., Rehman, S.**, Zeeshan, M., Rahman, A., Lokapimasari, W. P. & Yulianto, A. B. (2024). Impact of β -Glucan with Non-Glucan Biomaterials on Growth Performance, Carcass Characteristics, and Viable Count of Lactobacilli in Broiler Chicks. *Tropical Animal Science Journal*, 47(1), 53-60. **HEC recognized X category**
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Conferences and Seminars

- Participated in national workshop on “Molecular Diagnostic approach in poultry diseases” organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Participated in national workshop “current update in veterinary sciences from the bench to clinical application” organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Participated in national workshop “on development of biosensors for diagnosis of Parasitic diseases organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Participated in workshop on One Health approach in responding and controlling diseases that have a potential global pandemic organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Participated in in Workshop organized by WHO on “Emerging respiratory viruses including Covid-19 Methods for detection, prevention and control 2020. (Online).
- Participated in Workshop on Online International Seminar on Publication Capabilities.
- Participated in workshop on “Lets Break the Chain of Covid-19 Infection Muhammad BinUniversity of Medicine” 2020. (Online)
- Participated in Airlangga Post-doctoral program “How to Detect antimicrobial resistance in Poultry Production” organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. 31st July, 2021.
- Participated in Dakota Guest Lecture “Zoonotic Parasitic Disease” organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. 7th August, 2021.
- Participated in Dakota Guest Lecture “An introduction to canine vector borne diseases in the Topics and their current status in Sri Lanka” organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. 7th August, 2021.

- Participated in 1st International conference on "Veterinary Medicine and Health sciences" organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. October 6, 2021.
- Participated in international Webinar "The role of Veterinary Public Health for Increasing Public Awareness on food safety" organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. July 26th, 2021.
- Participated in international symposium on "Camel as the Best Suited Animal Under Changing Climate" organized by department of molecular biology Faculty of Science Virtual University of Pakistan Lahore. 22nd June 2021.
- Participated in Dakota Guest Lecture "Orthopedic surgery in pets and internal Implants" organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. July 14th 2021.
- Giving A guest lecture on Avian influenza Bachelor of Veterinary medicine Study Program organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. March 23, 2021.
- Participated in two days Webinar - Update on Veterinary Stem Cell: The state-of-the-art stem cell research for clinical application. organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia. 2-3 October 2021.
- Participated in 1st International conference of Advanced Veterinary Science and Technology for Sustainable Development organized by Faculty of Veterinary Medicine, University of Gadjah Mada, Yogyakarta, Indonesia.
- Participated in Antonio Lanzavecchia Immunology taught by Plasmodium falciparum international union of immunological science 22th March

Honours and awards

- Secured Postgraduate Scholarship (PGS) for PhD study in Veterinary Sciences, Department of Veterinary Public Health Faculty of Veterinary Medicine Airlangga University Surabaya, Indonesia.
- Received best graduate award from Airlangga University on the basis of securing highest percent Marks in PhD at the Faculty level in all disciplines.
- Received best poster award on 2nd international conference on "Veterinary Medicine and Health sciences" organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Selected as a HEC Pakistan approved PhD Supervisor for the period of three years
- Received Oral presenter certificate on 2nd international conference on "Veterinary Medicine and Health sciences" organized by Faculty of Veterinary Medicine, Airlangga University Surabaya, Indonesia.
- Received oral presenter certificate on 1st international conference of Advanced Veterinary Science and Technology for Sustainable Development organized by Faculty of Veterinary Medicine, University of Gadjah Mada, Yogyakarta, Indonesia.
- Received laptop on Merit Basis under Prime Minister Laptop Scheme, Government of Pakistan in DVM degree program Gomal University D.I Khan. Pakistan.
- Received 1st position award in secondary school certificate (SSC) from Government High School Hassan Shah Tehsil Darya Khan district Bhakkar, Punjab Pakistan

Memberships

- Member of Pakistan Veterinary Medical Council (PVMC)
- Member of Editorial Board of Journal of Applied Veterinary Sciences and Technology (JAVeST).
- Member of Editorial Board of world poultry science Journal
- Member of Editorial Board of medical Journal of virology

References

Prof. Dr. Mustofa Helmi Effendi Professor and Dean III

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Citations

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