

AL-WASEF

Lecturer, Department of Microbiology and Parasitology
Faculty of Animal Science & Veterinary Medicine
Sher-e-Bangla Agricultural University, Dhaka-1207
Institutional website: <https://sau.edu.bd/teacher/398>
LinkedIn: <https://www.linkedin.com/in/al-wasef-a73919373/>
Email: wasef.mipa@sau.edu.bd
Contact No.: +8801751277776



Education

MS in Parasitology 2020

Department of Microbiology and Parasitology, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.

CGPA: **4.0/4.00, Merit position- 1st**

Thesis title: A cross-sectional investigation on the occurrence of trematode metacercariae in freshwater crab, *Sartoriana spinigera* in Bangladesh

B. Sc. Vet. Sci. and A. H. 2017

Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.

CGPA: **3.95/4.00, Merit position- 2nd**

Professional Experience

Lecturer, Parasitology, Sher-e-Bangla Agricultural University, Bangladesh. 2023 to Date

Conducted General Parasitology and Malacology, Platyhelminthes and Nematelminthes, Protozoology, and Veterinary Entomology courses.

Livestock Extension Officer (LEO): Livestock and Dairy Development Project, 2020-2023

Department of Livestock Services, Ministry of Fisheries and Livestock, Bangladesh.

Research Experience

Research Assistant (RA)

An investigation on the occurrence of human lung fluke, *Paragonimus westermani* metacercariae in freshwater crab intermediate hosts, funded by the University Grants Commission (UGC), Bangladesh. Prof. Uday Kumar Mohanta's Lab. 2019-2020

Molecular Detection and Phylogenetic Analyses of *Babesia* spp. and *Theileria* spp. in Livestock in Bangladesh. Prof. Uday Kumar Mohanta's Lab. 2022-2023

Molecular characterization and phylogeny of *Anaplasma marginale*, *A. phagocytophilum* and *A. bovis* in livestock of Bangladesh. Prof. Uday Kumar Mohanta's Lab. 2022-2023

Project Director (PD)

Epidemiological Survey on Trematode Cercariae in Freshwater Snails in Northern Areas of Bangladesh, funded by the Ministry of Science and Technology (MoST), Bangladesh. 2024-2025

Publications

1. Uday Kumar Mohanta, SM Abdullah, **Al Wasef**, Boniface Chikufenji, Zhuowei Ma, Hang Li, Shimaa Abd El-Salam El-Sayed, Moaz M. Amer, Thanh Thom Do, Saiful Islam, Tilak Chandra Nath, Yongchang Li, Rika Umemiya-Shirafuji, Qingyong Guo, Xuenan Xuan. (2024). First molecular survey of tick-borne protozoan and bacterial pathogens in the questing tick population in Bangladesh. *Acta Tropica*. 256: 107244. DOI: <https://doi.org/10.1016/j.actatropica.2024.107244>

2. **Al Wasef**, Anup Kumar Adhikary, S.M. Abdullah, Uday Kumar Mohanta. (2024). First Report on the occurrence of *Microphallus indicus* in the *Sartoriana spainigera* freshwater crab in Bangladesh. *Parazitologîa*. 58(4): 304-312. DOI: <https://doi.org/10.31857/S0031184724040045>
3. Mohammad Arifur Rahman, **Al Wasef**, Nitol Chandra Das, Md. Rubel Islam, Md. Nooralam Islam, Muhammad Abdul Mannan, Nurul Basar Sarker, Md. Aftabuzzaman, Uday Kumar Mohanta. (2025). Assessing the Efficiency of Different Coccidiostats against *Eimeria* spp. in Broiler Chickens Grown in the Floor Pen System. *Journal of World's Poultry Research*. 15(2): 224-232. DOI: <https://dx.doi.org/10.36380/jwpr.2025.22>
4. Amit Kumar Bosu, **Al Wasef**, S.M. Abdullah, Akash Samadder, Shamarendra Narayan, Uday Kumar Mohanta. (2024). Occurrence of Bovine Haemoprotozoan Parasites in 'Bathan' Areas of Sirajganj and Pabna Districts in Bangladesh. *Journal of Agriculture and Veterinary Science*. 3(3): 507-512. DOI: <https://doi.org/10.55627/agrivet.003.03.0759>
5. Nusrat Jahan Nipu[†], **Al Wasef**[†], Nitol Chandra Das, Vijay Kumar Sah, Md. Rubel Islam, Md. Nooralam Islam, Uday Kumar Mohanta. (2025). Prevalence and Detailed Morphological Identification of Gastrointestinal Helminths of Turkeys in Wet Markets of Dhaka City: First Detection of *Capillaria philippinensis* in Bangladesh. *The Journal of Advances in Parasitology*. 11: 40-45. Equally contributed. DOI: <https://dx.doi.org/10.17582/journal.jap/2025/11.40.45>
6. **Al Wasef**, Uday Kumar Mohanta, Vijay Kumar Sah, Md. Rashedul Islam, Nita Khadka, Nabina Budhathoki, Md. Shakil Islam. (2025). Incidence and associated risk factors of uterine prolapse in dairy cows in Manoharganj Upazila, Cumilla District, Bangladesh. *Ovozoa: Journal of Animal Reproduction*. 14(1): 25-33. DOI: <https://doi.org/10.20473/ovz.v14i1.2025.25-33>
7. **Al Wasef**, Md. Farhad Hossan, Vijay Kumar Sah, Nitol Chandra Das, Md. Rubel Islam, Md. Nooralam Islam, Md. Rashedul Islam, Uday Kumar Mohanta. (2025). Successful Per-Vaginal Management of Dystocia Due to Fetal Hydrocephalus in a Holstein Friesian Crossbred Cow: A Case Report. *Research Journal for Veterinary Practitioners*. 13(2): 47-49. DOI: <https://www.doi.org/10.17582/journal.rjvp/2025/13.2.47.49>
8. **Al Wasef** and Md. Rashedul Islam. (2024). Incidence and management of dystocia of dairy cows in Manoharganj Upazila of Cumilla District, Bangladesh. *Ovozoa: Journal of Animal Reproduction*. 13(3): 178-185. DOI: <https://doi.org/10.20473/ovz.v13i3.2024.178-185>
9. Md Rayhan, Ashrifa Akter Mukta, Md Shakil Islam, Md Eliusur Rahman Bhuiyan, **Al Wasef**, Mst Sharifa Jahan. (2025). Evaluating the Efficacy of Black Cumin (*Nigella sativa*) as a Natural Remedy for Heavy Metal (Chromium) Toxicity in Broiler Chickens. *Journal of Pharmacology and Clinical Research*. 11(1): 555805. DOI: <https://www.doi.org/10.19080/JPCR.2025.11.555805>
10. Md Rakibul Hasan, Md Shakil Islam, Md Mominul Islam, Jahagir Alam, **Al Wasef**, Md Tanvir Hasan, Kazi Rafiq, Md Shafiqul Islam. (2025). Indiscriminate use of ciprofloxacin antibiotic in broiler reveals high antibiotic residues in broiler meat. *Asian Journal of Medical and Biological Research*. 11(2): 37-44. DOI: <https://doi.org/10.3329/ajmbr.v11i2.78548>
11. Nitol Chandra Das, **Al Wasef**, S.M. Abdullah, Uday Kumar Mohanta. Prevalence of blood protozoan parasites of peri-domestic wild rats in Dhaka City, Bangladesh. *Annals of Parasitology*. Under review.

Seminar/Training/Workshop/ Survey attended

1. Post Graduate Diploma (PGD) on **Avian Diseases Veterinary Training Course**. 2018. École Nationale Vétérinaire d'Alfort (EnVA), France.
2. Pedagogy on **CPD Training for Academic Veterinarians on Animal Disease Progression and Their Diagnosis in the Field**. 2024. Davis-Thomson Foundation, USA.
3. Clinical Training (CT) on **Internship Training at Veterinary Clinical Complex**. 2017. College of Veterinary Science, Assam Agricultural University, Assam, India.

4. Training on **Identifying Cattle Feeding Practices in Bangladesh**. 2019. Food and Agriculture Organization (FAO), Bangladesh.
5. Training on **Antimicrobial Resistance and Surveillance**. 2021. Livestock and Dairy Development Project, Ministry of Fisheries and Livestock, Bangladesh.
6. Training on **Progressive Management of Mastitis, Reproduction and Metabolic Diseases of Veterinarians**. 2022. Livestock and Dairy Development Project, Ministry of Fisheries and Livestock, Bangladesh.
7. **Training of Trainers (Officers) on Different Food Safety Modalities**. 2023. Livestock and Dairy Development Project, Ministry of Fisheries and Livestock, Bangladesh.
8. **Training of Trainers (Officers) for Farmers Field School (FFS) & Other Extension Methods**. 2022. Livestock and Dairy Development Project, Ministry of Fisheries and Livestock, Bangladesh.
9. **ISAE Animal Welfare Workshop in Bangladesh**. 2023. Sher-e-Bangla Agricultural University, Dhaka, and International Society for Applied Ethology (ISAE).
10. Survey on **Value Chain Analysis of Meat (Beef), Mango, and Onion**. 2020. Food and Agriculture Organization (FAO), Bangladesh, and Wageningen University and Research (WUR).
11. Survey on **Live Bird Market Census in Dhaka City**. 2015. FAO, Bangladesh.

Honors and Awards

3rd Prize Winner

Post Graduate Diploma (PGD) written examination organized by École Nationale Vétérinaire d'Alfort (EnVA), France.

National Science and Technology (NST) Fellowship (2019)

Ministry of Science and Technology (MoST), Bangladesh.

Dean's Award (2014, 2015, 2016, 2017, 2018)

Awarded for academic excellence.

Grants

R&D Fellowship

2024-2025

Ministry of Science and Technology (MoST), Bangladesh. ₳ 90,000/-

Country and Laboratory Visited

India (College of Veterinary Science, Assam Agricultural University, Assam, India) **2017**

Leadership

Sport and Cultural Secretary, Bangladesh Veterinary Association (BVA), Dhaka Metro **2018-2019**

Member, Veterinary Science and Animal Husbandry Student Association (VASA) **2020-2021**

References

Professor Dr. Uday Kumar Mohanta

DVM, MS (BAU), PhD (MEXT, Japan), Postdoc (JSPS, Japan)

Professor

Department of Microbiology and Parasitology

Sher-e-Bangla Agricultural University

Dhaka-1207, Bangladesh

Phone: +8801712830400

E-mail: ukmohanta.mipa@sau.edu.bd

Dr. Mahfuzul Islam

DVM, MS (BAU), PhD (South Korea)

Associate Professor

Department of Microbiology and Parasitology

Sher-e-Bangla Agricultural University

Dhaka-1207, Bangladesh

Phone: +8801717364047

E-mail: mislam.mipa@sau.edu.bd