Ashrifa Akter Mukta

ashrifamukta@gmail.com +88-01764175002 Dhaka, Bangladesh



Profile

A dedicated academic and researcher with a strong background in microbiology, pharmacology, and toxicology. Possesses comprehensive knowledge of veterinary and animal science, with specialized research experience in antimicrobial resistance, heavy metal residue analysis, and antibiotic residue detection. Committed to advancing food safety and veterinary public health through rigorous scientific inquiry.

Career History

Assistant Professor, *Department of Pharmacology and Toxicology, Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural University* — Dec/2020 – Present, Dhaka, Bangladesh

Lecturer, *Department of Pharmacology and Toxicology, Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural University* — Dec/2018 – Dec/2020, Dhaka, Bangladesh

Education

MS Pharmacology and Toxicology, 2025
Sher-e-Bangla Agricultural University, Bangladesh Dhaka, Bangladesh
- CGPA 3.95 on a scale of 4.00
- **Thesis:** Determination of heavy metal residue in raw, pasteurized and powdered milk in different areas of Dhaka City

MS Microbiology, *Sher-e-Bangla Agricultural University, Bangladesh* 2018
- CGPA 3.89 on a scale of 4.00 Dhaka, Bangladesh
- **Thesis:** Prevalence and antibiogram study of pathogenic bacteria isolated from table eggs in Dhaka City

B. Sc (Hons.) Animal Science and Veterinary Medicine, 2017
Sher-e-Bangla Agricultural University, Dhaka Dhaka, Bangladesh
- CGPA 3.82 on a scale of 4.00

Software Expertise

Proficient
Microsoft Office, Excel, PowerPoint, SPSS & R

Professional Training

Completed "Research Methodology" training at Sher-e-Bangla Agricultural University (SAU), Dhaka, Bangladesh *2019*

Completed "Responsibilities of Teachers, Outcome-Based Education and Different Rules & Regulations" training at Sher-e-Bangla Agricultural University (SAU), Dhaka, Bangladesh *2019*
Dhaka, Bangladesh

Post-Graduate Diploma in Avian Diseases, organized by Ecole Nationale Veterinaire d'Alfort (ENVA), Ceva, ACI, & Department of Medicine & Public Health, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh *2018*

Scholarship and Awards

Dean's Merit Award-Achieving Dean Award, *Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural University, Dhaka* — *2015*

Projects Work Participation

Determination of antibiotic residue in raw and pasteurized milk in different areas of Dhaka, *Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University* — *06/2025 – 07/2026*
Role: Principal Investigator (PI)

Publications in Peer-reviewed journals

- *Mst. Tasmim Sultana, Md. Asaduzzaman, Ashikur Rahman, Md. Najmul Haque, Sabikun Nahar Himi, and* ***Ashrifa Akter Mukta*** *(2025). Milking The Risk: An Assessment of Heavy Metal Contamination in Raw Milk in Dhaka City, Bangladesh, Simpur Journal of Agricultural Sciences, Vol. 1 (2): 128 – 139.* — *2025*

- ***Ashrifa Akter Mukta****, Mst. Tasmim Sultana, Md. Moshiur Rahman (2025). Prevalence and Antimicrobial Resistance of Major Pathogenic Bacteria Isolated from Table Egg Shell in the Retail Market of Dhaka City, Bangladesh, International Journal of Scientific and Research Publications, Vol (15).* — *2025*

- *Md. Rayhan,* ***Ashrifa Akter Mukta****, Md Shakil Islam, Md Eliusur Rahman Bhuiyan, Al Wasef and 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 & Clinical Research. Vol. (11).* — *2025*

- *Mst. Tasmim Sultana,* ***Ashrifa Akter Mukta****, Abu Saeid and Md. Masud Rana (2020), Nutritional and microbiological quality assessment of commercial yogurt sold in different districts of Bangladesh: a food safety issue, Asian Australas. J. Food Saf. Secur. 4 (2), 66-72.* — *2020*

- *Mst. Tasmim Sultana,* ***Ashrifa Akter Mukta****, Lita Biswas and Md. Masud Rana (2020). Microbiological Quality Assessment of Marketed Broiler Meat in Different Markets of Dhaka City, Res. Agric. Livest. Fish. Vol. 7 (2): 261-266.* — *2020*

Language Proficiency

Bangla
- *Reading: Excellent*
- *Writing: Excellent*
- *Speaking: Excellent*

English
- *Reading: Excellent*
- *Writing: Very Good*
- *Speaking: Very Good*

****Medium of instruction was English in both Honor's and MS***

Reference

Dr. Md. Abdul Masum, *Professor,*
Department of Anatomy, Histology and Physiology, Sher-e-Bangla Agricultural University
masum.anhp@sau.edu.bd, 01712441709