

Md. Mahabbat Ali, *PhD*

Associate Professor

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Personal Details

Name:	Dr. Md. Mahabbat Ali
Date of Birth:	August 21, 1987
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Present Position:	Associate Professor Department of Animal Production & Management Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University, Dhaka-1207 Bangladesh Tel: +8801819340069 E-mail: mahabbat.apma@sau.edu.bd
Country Visited:	South Korea, Singapore, Malaysia, Thailand, China and India.

Research Area

Meat Science, Smart Livestock Production, Functional Food of Animal Resources

Professional Records (Experience)

- **Chairman**, Dept. of Animal Production & Management, Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka- 1207, Bangladesh (01 December 2023 to 13 May, 2025).
- **Associate Professor**, Dept. of Animal Production & Management, Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka- 1207, Bangladesh (25 February 2022 to date).
- **Assistant Professor**, Dept. of Animal Production & Management, Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka- 1207, Bangladesh (26 May, 2015 to 25 February 2022).
- **Lecturer**, Dept. of Animal Production & Management, Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka- 1207, Bangladesh (26 May 2013 to 25 May 2015).
- Specialist and Consultant on Livestock & Poultry.
- Member of Association of Coding, Technology, and Genomics (ACTG)

PhD Thesis:

Characterization of meat qualities of new native chickens and development an enhancing method of native chicken meats for frozen storage

MS Thesis:

Uses of Slaughterhouse by-products of cattle. M. S. Thesis. Department of Animal Science from Bangladesh agricultural University, Mymensingh, Bangladesh

Research Articles in National/International Journal

1. Alam, M. J., Ahmed, S. T., Islam, M. S., Islam, M., **Ali, M.**, & Lee, S. S. (2026). Effects of Lactobacillus Alone and in Combination with Saccharomyces as Alternatives to Antibiotics on Performance and Immunity in Laying Hens. *Veterinary Medicine and Science*, 12(5), e71120.
2. Bhuiyan, MIH, Ahmed MJ, Mamun M Islam K, Chalise R, Bhandari P, and **Ali M***. (2025). Impact of L-citrulline on meat production and quality: A study on its effects on meat attributes and nutritional composition. *Poultry Science*, 104(12), 106039.
3. Mamun M, Islam K, Rahman MZ, Bhuiyan MIH, Nirob AI, Sikder T, and **Ali M***. (2025). Optimizing Beef Fattening Management Strategies in Sadar Upazila, Kushtia: A Comprehensive Study. *Research in Agriculture Livestock and Fisheries*, 12(2), 175-186.
4. Ahmed MJ, Chalise R, Bhandari P, Rahman MA, Alam KE, Rahman MA, and **Ali M**. (2025). Lumpy Skin Disease in Cattle and Buffalo in Asian Countries: A Systematic

- Review and Meta-Analysis. *Veterinary Medicine and Science*, 11(5), e70607.
5. Ahmed MJ, Hossain MI, Bhuiyan MI, Rahman MA, Kaderi IJ, Nirob AI, Rahi MA, Mamun M, Alam KE, Chowdhury MJ, Bhandari P, **Ali M**, Alam MJ and Hossain D (20025). Antimicrobial resistance in meat and meat products from Asia: An urgent one health challenge-a systematic review and meta-analysis. *Poultry Science*. 2025 Sep 10:105811.
 6. Ahmed MJ, Bhuiyan MI, Chalise R, Mamun M, Bhandari P, Islam K, Jami SS, **Ali M**, and Sabrin MS (2025). One health assessment of farmers' knowledge, attitudes, and practices (KAPs) on zoonoses in Bangladesh. *Scientific reports*. 15: 1258.
 7. Delower H, Rahman S, Kulsum U, Bristi S ZT, Karim MR, Masroure AJ, and **Ali M**. (2025). Effect of Heat Stress on the Health and Performance of Dairy Cattle: A Comprehensive Review. *Vietnam Journal of Agricultural Sciences*, 8(2), 2575-2592.
 8. Ahmed MJ, Bhuiyan MI, Chalise R, Mamun M, Bhandari P, Islam K, Jami SS, **Ali M**, Sabrin MS (2025). Comprehensive One Health Assessment: Knowledge, Attitudes, and Practices (KAPs) among Livestock and Poultry Farmers about Zoonosis in Bangladesh. *Scientific reports*. 15: 1258.
 9. Eregama GS, Aung SH, Pitawala HM, **Ali M**, Lee SY, Park JY, Abeyrathne ED, Nam KC (2024). Evaluation of physicochemical changes in hard-boiled eggs stored at different temperatures. *Food Science of Animal Resources*. 44(1): 74–86.
 10. **Ali M**, Aung SH, Abyerathne EDNS, Park JY, Hang A, Jeong JY and Nam KC (2022). Quality enhancement of frozen chicken meat marinated with phosphate alternatives. *Food Science of Animal Resources*. 43 (2): 245-268.
 11. Aung SH, Abyerathne EDNS, **Ali M**, Ahn DU, Choi YS, and Nam KC (2022). Comparison of functional properties of blood plasma collected from black goat and Hanwoo cattle. *Food Science of Animal Resources*. 43 (1); 46-60.
 12. **Ali M**, Lee SY, Park JY and Nam KC (2021). Evaluation of Meat from Native Chickens: Analysis of Biochemical Components, Fatty Acids, Antioxidant Dipeptides, and Microstructure at Two Slaughter Ages. *Food Science of Animal Resources*, 41 (5):788~801.
 13. **Ali M**, Lee SY, Park JY, Chung YH and Nam KC (2021). Antioxidant Properties and Physicochemical Attributes of Meat from Berkshire Finishing Pigs Supplemented with *Rubus coreanus* By-Product. *Food Science of Animal Resources*, 41(5):826~839.
 14. **Ali M**, and Nam KC (2021). Physicochemical attributes, oxidative stability, and microbial profile of boneless sirloin and bone in T-bone steaks from Hanwoo steer with

- reference to dry-aging. *Journal of animal Science and Technology*, 63 (5):1169-1181.
15. **Ali M**, Choi YS and Nam KC (2021). Physicochemical attributes, free amino acids, and fatty acids of the five major cuts from Korean native black goat. *Animal Industry and Technology*, 8 (1): 23-33.
 16. **Ali M**, Park JY, Lee SY, Choi YS and Nam KC (2021). Physicochemical and microbial characteristics of *longissimus lumborum* and *biceps femoris* muscles in Korean native black goat with wet-aging time. *Journal of Animal Science and Technology*, 63 (1):149-159.
 17. **Ali M**, Baek KH, Lee SY, Kim HC, Park JY, Jo C, Jung JH, Park HC and Nam KC (2021). Comparative Meat Qualities of Boston Butt Muscles (*M. subscapularis*) from Different Pig Breeds Available in Korean Market. *Food Science of Animal Resources*, 41 (1):71~84.
 18. Rahman A, **Ali M**, Hossain U, Famous M, Habib A and Nath SK (2021). Knowledge and Attitude of Farmers of Small-Scale Dairy Farming at Dhaka, Bangladesh. *Global Journal of Science Frontier Research: D Agriculture and Veterinary*, 21 (4) Version 1.0 Year 2021.
 19. Lee SY*, **Ali M***, Park JY, Jung JH, Jang A and Nam KC (2020). Meat Quality Characteristics of Pigs from Animal Welfare Certified Farm. *Annals of Animal Resources Science*, 31 (1):32~44.
 20. Yim DG, **Ali M** and Nam KC (2020). Comparison of Meat Quality Traits in Salami Added by Nitrate-free Salts or Nitrate Pickling Salt during Ripening. *Food Science of Animal Resources*, 40 (1):11~20.
 21. Islam MS, **Ali M** and Dadok F (2020). Effect of supplemental *Aloe vera* gel and amla fruit extract in drinking water on growth performance, immune response, haematological profiles and gut microbial load of broiler chicken. *Journal of Bioscience and Agriculture Research*, 24 (2): 2030-2038.
 22. **Ali M**, Lee SY, Park JY, Jung S, Jo C and Nam KC (2019). Comparison of Functional Compounds and Micronutrients of Chicken Breast Meat by Breeds. *Food Science of Animal Resources*, 39 (4):632~642.
 23. Yim DG, Jo C, **Ali M**, Park JY, Lee SY and Nam KC (2019). Combined Effect of Aging and Irradiation on Physicochemical Quality of Pork Shoulder. *Food Science of Animal Resources*, 39 (3):510-519.
 24. Yim DG, Jung JH, **Ali M** Nam KC (2019). Comparison of physicochemical traits of dry cured ham from purebred Berkshire and crossbred LYD pigs. *Journal of Animal Scienc*

- e and Technology*. 61 (1):35-40.
25. **Ali M**, Alam J, Islam S, Rahman A, Ahmed S and Zaman H (2018). Comparative study on growth of different mutants Japanese quail in Bangladesh. *Asian-Australasian Journal of Bioscience and Biotechnology*, 3 (1):7-10.
 26. Habib MR, Haque MN, Rahman A, Aftabuzzaman M, **Ali M**, and Shahjahan M (2017). Dairy buffalo production scenario in Bangladesh. *Asian Journal of Medical and Biological Research*, 3 (3): 305-316.
 27. MS Islam, MA Masum, DH Santa, MJ Alam, and **Ali M** (2016). Establishment of Cost Effective Brooding Method for Chicken. *International Journal of Animal Resources*, 1 (2):35-44.
 28. A Rahman, M Asaduzzaman, M Akter, M N Hassan, **Ali M** (2016). Preparation of Dahi from Skim Milk Incorporating Apple Juice. *International Journal of Animal Resources*, 1 (2):1-8.
 29. **Ali M**, MM Hossain, S Akhter, MS Islam and MA Hashem (2013). Effect of age on slaughterhouse by-products of indigenous cattle of Bangladesh. *Bangladesh Journal of Animal Science*, 42: 62-66.
 30. **Ali M**, FA Khan, MM Hossain and ANMI Rahman (2014). Preparation of cattle manure compost using sawdust and rice straw, *Bangladesh Journal of Animal Science*, 44: 64-68.

Awards

1. **Research Excellent Award** provided by Sunchon National University, Korea on Feb 2022 for outstanding performance during the doctoral study.
2. **Excellence Oral Presentation Award** at 51st KoSFA International Symposium and Annual Meeting, Gwangju, Korea.
3. **Excellence Poster Presentation Awards** at 52nd KoSFA International Symposium and Annual Meeting, Korea.
4. **Excellence Graduate Paper Presentation Award** in Sunchon National University Graduate Student Competition. 2020. Korea.
5. **National Science and Technology {NST} Fellowship**, 2012 for MS research work.

Membership of Professional Society

1. Bangladesh Animal Husbandry Association (BAHA)
2. Krishibid Institution of Bangladesh (KIB)
3. World Poultry Science Association (WPSA)

Research Projects/Grants

Total Project: 13

Ongoing Project: 2

DECLARATION:

I hereby declare that, all information stated in this Curriculum vitae is true and complete.



(Md. Mahabbat Ali, PhD)