

Curriculum Vitae

Lita Biswas

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EDUCATION

- MS in Dairy Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh, CGPA 3.93 out of 4.00 2022
2019
- MS in Poultry Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh, CGPA 3.84 out of 4.0 2017
- PGD in Avian Diseases, École nationale vétérinaire d'Alfort, France & Sher-e-Bangla Agricultural University, Dhaka, Bangladesh 2012-2016
- B.Sc. in Veterinary Science and Animal Husbandry, Sher-e-Bangla Agricultural University, Bangladesh, CGPA 3.80 out of 4.0

TEACHING

- Assistant Professor, Department of Dairy Science Dec 2020-Present
Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
- Lecturer, Department of Dairy Science, Dec 2018-December 2020
Sher-e-Bangla Agricultural University, Dhaka, Bangladesh

RELEVANT COURSEWORK

Fundamental Dairy Science and Market Milk, Dairy Cattle Feeds & Fodder Production, Dairy Cattle and Buffalo Production, Dairy Chemistry and Microbiology, Dairy Farm Planning & Management, Nutrition and Reproduction, Dairy Food Technology, Microbiology of Dairy Products, Dairy Biotechnology, Quality Control of Dairy Products, Dairy Food Packaging.

RESEARCH INTERESTS

- Food Microbiology Dairy Microbiology • Food Safety
- Public Health Antimicrobial Resistance • Gut Microbiota

RESEARCH EXPERIENCE

Journal publications

- **MS thesis in Dairy Science:** Microbial assessment of raw and processed milk along with antimicrobial profiling of selected isolated bacterial species. 2022. (Yet not published).
- A. Rahman, M. Akhter, M. S. Islam, A. Rahman, **L. Biswas** and Md. Asaduzzaman (2022). Lactic acid bacteria and their beneficial effects in fermented dairy products. *Journal of Sher-e-Bangla Agricultural University*, 13 (1 & 2): 19-29.
- M.K.H. Nibir, H.M. Salim, **L. Biswas**, M.M. Hassan and M.A.H. Beg (2021). Dietary Supplementation of Turmeric Oil on Growth Performance, Carcass Characteristics and Economy of Broiler Chickens. *EC Nutrition:16(10):* 97-104.
- **L. Biswas**, M.A.H. Beg and K.B.M.S. Islam (2020) Impact of Locally Isolated Probiotics on Growth Performances, Haemato-Biochemical Profiles and Cecal Microflora of Broiler. *International Journal of Poultry Science: 19(12):* 586-595. DOI: 10.3923/ijps.2020.586.595.
- M. T. Sultana, A.A. Mukta, **L. Biswas** and M.M. Rana (2020) Microbiological Quality Assessment of Marketed Broiler Meat in Different Markets of Dhaka City. *Research in Agriculture Livestock and Fisheries: 7(2):* 261- 266. DOI:10.3329/ralf.v7i2.4886

Conference Paper

- **L. Biswas**, M Asaduzzaman, M. S. Islam, A. Rahman, A. Rahman, T. Sultana and M. Islam (2024). Microbial assessment of raw and processed milk along with antimicrobial profiling of selected isolated bacterial species. Best Awarded poster at 6th National Scientific Conference on Food Safety and Health, Bangladesh Society for Safe Food, 02 March 2024.

Training/Workshop

- Training on Fourth Industrial Revolution and Potential Application in Livestock Sector, Bangladesh Agricultural Research Council, 2023.
- Training Programme on Disease Control and Pedagogic Skills of Teachers, FAO and Sher-e-Bangla Agricultural University, 2023.
- Training of Trainer for Sustainable Dairy Farming in Bangladesh, PUM Netherlands, KEMIN, Doctors Agrovet. Ltd. and Sher-e-Bangla Agricultural, 2019.
- Training & A Workshop to Introduce New Approaches to Clinical Skills Teaching & Promote Animal Welfare at Veterinary Field in Bangladesh, 2019.
- Training on “Teaching Methods and Techniques,” Outreach Program, Sher-e-Bangla Agricultural University, Bangladesh, 2019.
- Training workshop on “Scientific Paper Writing and Publications”, Outreach Program, Sher-e-Bangla Agricultural University, Bangladesh, 2019.
- Training on “Teaching-Learning, Assessment and Implementation of Outcome Based Curriculum”, Institutional Quality Assurance Cell (IQAC), Sher-e-Bangla Agricultural University, Bangladesh, 2019.
- Training on Food Safety Risk Assessment for Informal Value Chains, Bangladesh, 2018.
- Training & Field Works on Live Birds Market Census in Dhaka City, Bangladesh, 2016.
- Training on the Use of Laboratory Ventilation Equipment, Bangladesh, 2016.
- Training on Clinical practices, farm management practices, animals feed and feeding, and artificial insemination, 2016.

PROJECTS

- Molecular detection and antibacterial performance of lactic acid bacteria (LAB) isolated from artisanal Dhaka cheese.
- Molecular detection of antibiotic-resistant *Escherichia coli* and *Staphylococcus aureus* recovered from dairy farm environment and their public health implication in and around the Dhaka city.
- Detection of adulteration, chemical composition, and hygienic status of raw milk collected from selected regions of Dhaka city.

TECHNICAL SKILLS

- Proficient in isolation and identification of bacterial species.
- Detection of antibiotic susceptibility pattern of bacterial species.
- Preparation of probiotics with isolated bacterial strains.
- Proximate analysis of AOAC for milk, milk products and feed evaluation.
- Animal feeding trials and feed formulation for experimental animals.
- Skilled in experimental design and statistical analysis Using R, SPSS.
- Preparation of research grant proposals, report writing, and publication of research articles in standard journals.
- Efficient in basic computers with Microsoft Office Applications.
- Teaching and supervision of undergraduate students.

MEMBERSHIPS

- Member, World Veterinary Poultry Association –Bangladesh Branch, from 2019-present
- Member, Bangladesh Veterinary Association (Registered Veterinary Practitioner, Bangladesh Veterinary Council; Certification: Bangladesh Veterinary Council, **Practitioner Reg. No.: 5366**)
- Member, Sher-e-Bangla Agricultural University Alumni Association, Bangladesh

- Member, Krishibid Institution, Bangladesh
- Lifetime Member, One Health Bangladesh

ADDITIONAL

Additional Select Honors and Scholarships

- Dean's Award for outstanding academic achievement in three consecutive years (2012-2014) during B.Sc. Vet. Sci.& A.H. course from the Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
- General Scholarship in Higher Secondary School Certificate Examination of Bangladesh (2015).
- Talentpool Scholarship in Junior School Certificate Examination of Bangladesh (2006).

Fellowship

- Ministry of National Science and Technology Fellowship (NST Fellow), Govt. of Bangladesh (2017).

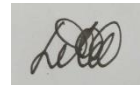
Standardized Tests

IELTS test: 6.0; Reading: 6.0, Listening:6.0, Writing:6.0, Speaking:6.5

REFEREES

<p>Prof. Dr. K. B. M. Saiful Islam Dept. of Medicine & Public Health & Center-in-Charge Zoonotic Diseases Research & Information Center Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University, Dhaka, Bangladesh Cell: +8801711 120 108 Email: vetkbm@yahoo.com</p>	<p>Dr. Mahfuzul Islam Associate Professor Dept. of Microbiology & Parasitology Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University, Dhaka, Bangladesh Cell: +8801717364047 E-mail: mislam.mipa@sau.edu.bd</p>	<p>Prof. Dr. Md. Asaduzzaman Dept. of Dairy Science Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University, Dhaka, Bangladesh Cell: +8801717712115 Email: asad99ah@yahoo.com</p>
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I hereby declare that, all the above-mentioned information about me is accurate to my concerns. Any deviation from the sources is my complete responsibility.



(Signature)