



Mirza Synthia Sabrin

Curriculum Vitae

EDUCATION

Ph.D., Obihiro University of Agriculture and Veterinary Medicine, Hokkaido, Japan.
Major- Virology **2019-2023**

M.Sc., Bangladesh Agricultural University, Mymensingh, Bangladesh.
Major- Microbiology **2011-2012**

DVM., Bangladesh Agricultural University, Mymensingh, Bangladesh. **2006-2010**

PhD thesis submission

Title- Studies on the virucidal activity of medicinal plant components against a human norovirus surrogate, severe acute respiratory syndrome coronavirus 2, and influenza A virus **30th June 2023**

POSITION HELD

Associate Professor Dept of Microbiology & Parasitology
Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University,
Dhaka, Bangladesh. **2022- Present**

TEACHING EXPERIENCE

Course coordinator- Dept of Microbiology & Parasitology, Faculty of Animal Science & Veterinary Medicine, Bangladesh **2013-2018**

Teaching Assistant- Obihiro University of Agriculture and Veterinary Medicine, School of Veterinary Medicine, Japan **2019-2022**

PUBLICATION

1. Runa, N. S., Yesmin, S., Husna, A., Runa, N. Y., Islam, M. S., Lovelu, M. A., Siddika, M. A., Hassan, M. T., Haque, M. I., **Sabrin, M. S.**, Shykat, C. A., Purkayastha, M., Zinnah, M.A., Paul, B. & Rahman, M. M. (2024). Prevalence of multidrug-resistant ESBL-producing *Escherichia coli* isolated from beef and sheep meat in Sylhet, Bangladesh. *Journal of Advance Biotechnology and Experimental Therapeutics*.7(3): 520-529.
2. Islam, M. R., Hossain, H., Taslima, M., Tuser, M. M. I., **Sabrin, M. S.**, Molla, M. R., Sajib, M.S. I. & Zahan, M. N. (2024). Adoption of Digital Technologies for the Management of Repeat Breeder Cows in the Dairy Herds of Bangladesh. *Asian Journal of Research in Animal and Veterinary Sciences*, 7(3), 227-235.
3. **Sabrin, M. S.**, Selenge, E., Takeda, Y., Batkhuu, J., Ogawa, H., Jamsransuren, D., ... & Murata, T. (2021). Isolation and evaluation of virucidal activities of flavanone glycosides and rosmarinic acid derivatives from *Dracocephalum* spp. against feline calicivirus. *Phytochemistry*, 191, 112896.
4. Islam, M., **Sabrin, MS**, Kabir, MHB, & Aftabuzzaman, MD (2018). Antibiotic sensitivity and resistant pattern of bacteria isolated from table eggs of commercial layers considering food safety issue. *Asian Journal of Medical and Biological Research*, 4 (4), 323-329.
5. Islam M, **Sabrin MS**, Kabir MHB, Karim SJI and Sikder T. (2018). Prevalence of multidrug resistant (MDR) food-borne pathogens in raw chicken meat in Dhaka city, Bangladesh: an increasing food safety concern. *Asian-Australasian Journal of Bioscience and Biotechnology*, 3 (1): 17-27.
6. Kabir, M. H. B., **Sabrin, M. S.**, Islam, M., Alam, M. M., & Mahmud, M. S. (2017). Studies on the Degree of Infection of Gastrointestinal Parasites in Cattle at Shere-Bangla Nagar Area, Dhaka, Bangladesh. *Int. J. Life Sci*, 10(10), 4.
7. Kamruzzaman, M., Islam, M., Hossain, M. M., Hassan, M. K., Kabir, M. H. B., **Sabrin, M. S.**, & Khan, M. S. R. (2016). Isolation, characterization and antibiogram study of *Pasteurella multocida* isolated from ducks of Kishoreganj district, Bangladesh.
8. Hossain, M. B., Hashim, M. A., Hossain, M. A., & **Sabrin, M. S.** (2014). Prevalence of atresia ani in new born calves and their surgical management. *Bangladesh Journal of Veterinary Medicine*, 12(1), 41-45.
9. **Sabrin, MS**, Saha, S., Amin, MM, & Hossain, MG (2012). Immune response and protective potential following vaccination against Newcastle disease virus and fowl cholera in Naked neck chickens. *Bangladesh Veterinarian*, 29 (2), 49- 55.
10. **Sabrin, M. S.**, Saha, S., & Amin, M. M. (2012). Immune Response Capability Of shuvra Chicken. *Bangladesh Journal of Veterinary Medicine*, 10(1-2), 1-7.

TRAINING AND CIRTIFICATION

One Health Ally Course	2023
WISE Program for One Health frontier Graduate School of Excellence	
Orientation training on One Health Approach	2018
Organised by One Health Secretariat of Bangladesh.	
Post-Graduate diploma in Avian diseases	2017
Organised by One Health Secretariat of Bangladesh.	
Operation and Maintenance of Laboratory Equipment	2014
Organised by Higher education Quality Enhance Project (HEQEP) Sub project. SAU	
Training on power point presentation	2011
Organised by Higher education Quality Enhance Project (HEQEP) University Grants Commission Bangladesh	

AWARDS

National Science and Technology (NST) Fellowship	2011-2012
Ministry of Science & Communication Technology, People's Republic of Bangladesh	
MEXT scholarship, PhD	2018-2023
Ministry of Education, Culture, Sports, Science and Technology, Japan.	

PROFESSIONAL SOCIETY

Japanese Society of Veterinary Science	2021-2022
World's Poultry Science Association	2018
Society for Veterinary Microbiology and Public Health	2012
Member of Bangladesh Veterinary Association	2010

CLINICAL EXPERIENCE

Clinical assistant	2014
Shomvugange Private Vet Clinic	
own by Prof. Dr. Mirza Abul Hashim	

CONFERENCE ACTIVITY

World Biological Science and Technology Conference attendee (biostconference.com), PSCR Online (gcpscr.com)	July 20th -22nd, 2022
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LANGUAGE PROFICIENCY

Bengali Excellent- Listening, Reading, Writing, Speaking

English IELTS

2016

Over all band score-**7**; Listening-**7.5**, Reading- **6.5**, Writing- **6.5**, Speaking- **7**, Level- **C1**

REFERENCE

1. Dr. Sukumar Saha, (M.S supervisor)
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Bangladesh Agricultural University, Mymensingh
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2. Dr. MD Tanvir Rahman
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Signature



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