

# MD. ZAKARIA AL NOMAN

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**Scientific Officer, Pharmaceutical Sciences Research Division**  
BCSIR Dhaka Laboratories, Bangladesh Council of Scientific and Industrial Research  
Dhaka-1205, Bangladesh

## Academic Credentials

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**MS in Pharmacology** **2019**  
Bangladesh Agricultural University, Mymensingh-2202, Bangladesh *CGPA: 4.00 out of 4.00 scale*

**Doctor of Veterinary Medicine (D.V.M)** **2017**  
Bangladesh Agricultural University, Mymensingh-2202, Bangladesh *CGPA: 3.482 out of 4.00 scale*

## Professional Experience

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**Scientific Officer** **May 2022 – Present**  
**Pharmaceutical Sciences Research Division, BCSIR Dhaka Laboratories** Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh

**Field Research Officer** **March 2019 – April 2022**  
**icddr,b (International Centre for Diarrhoeal Disease Research, Bangladesh)**

**Graduate Research Assistant** **January 2018 – March 2019**  
**Department of Pharmacology, Bangladesh Agricultural University, Mymensingh-2202**

**Undergraduate Research Assistant** **March 2014 – June 2017**  
**Department of Pharmacology, Bangladesh Agricultural University, Mymensingh-2202**

## Skills

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### Language Skills

- Fluent in English (Speaking, listening, reading and writing)
- Academic Language was English
- Bangla is mother tongue

### Computer Skills

- Experienced in digital mapping (ArcGIS)
- Confident in statistical operations (SPSS)

## Publications

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1. **Noman ZA**, Tasnim S, Masud RI, Anika TT, Islam MS, Rahman AMMT and Rahman MT. Reverse zoonosis: Global impact and changes in transmission patterns. *Journal of Advanced Veterinary and Animal Research*, **2024**, 11(3), 601–617.
2. **Noman ZA**, Anika TT, Safa UM, Alom S, Dey SS, Bhuiyan NH, Siddique MP and Sikder MAH. Antibiotic resistance risk assessment in Mymensingh, Bangladesh: Current scenario from human-animal-environmental interfaces viewpoint. *Heliyon*, **2024**, 10, e35878.
3. **Noman ZA**, Anika TT, Sikder MAH and Rafiq K. A Review on the Potential of Antivenom Industry in Bangladesh. *European Journal of Veterinary Medicine*, **2024**, 4(1), 1-4.

4. **Noman ZA**, Anika TT, Sachi S, Ferdous J, Sarker YA, Sabur MA, et al. Evaluation of antibacterial efficacy of garlic (*Allium sativum*) and ginger (*Zingiber officinale*) crude extract against multidrug-resistant (MDR) poultry pathogen. *Journal of Advanced Veterinary and Animal Research*, **2023**, 10(2), 151–156.
5. **Noman Z**, Anika TT, Haque ZF, Rahman AKMA, Ward MP, Martínez-López B. Risk factors for rabid animal bites: a study in domestic ruminants in Mymensingh district, Bangladesh. *Epidemiology & Infection*, **2021**, 149, e76.
6. **Noman ZA**, Imam H, Arif M, Ferdous J, Sachi S, Alam MR, Sikder MH. Retrospective study of surgical cases of ruminant at Veterinary Teaching Hospital, Bangladesh Agricultural University. *Journal of Advanced Veterinary and Animal Research*, **2018**, 5(1), 81-87.
7. **Noman ZA**, Hasan MM, Talukder S, Sarker YA, Paul TK, Sikder MH. Effects of garlic extract on growth, carcass characteristics and haematological parameters in broilers. *The Bangladesh Veterinarian*, **2015**, 32(1), 1-6.

## Professional Memberships

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- Registered Veterinarian (Bangladesh Veterinary Council; registration number: 5687)
- Life Member, One Health Bangladesh
- General Member, Bangladesh Society of Veterinary Education and Research (BSVER)

## Awards

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- President Gold Medal Award for academic excellence in MS program

## References

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- Available upon request.

*Last Updated: Thursday 26<sup>th</sup> February, 2026*