

Md Abdullah Evna Hasan

Mymensingh-2202, Bangladesh || +880-1879640423 || abdullah47430@bau.edu.bd
|| www.linkedin.com/in/md-abdullah-evna-hasan

EDUCATION

- **Master of Science (MS) in Microbiology** **April'24 -present**
Department of Microbiology and Hygiene
Bangladesh Agricultural University, Mymensingh 2202
(1st semester)
(MODE OF INSTRUCTION: ENGLISH)
- **Doctor of Veterinary Medicine (DVM)** **Jan'18 – Jan'24**
Bangladesh Agricultural University, Mymensingh 2202
CGPA: 3.712/4.00 (3.778 and 4.00 respectively in the last two semesters)
Merit position: 22 out of 178 students
(MODE OF INSTRUCTION: ENGLISH)
- **Higher Secondary School Certificate Examination (HSC)** **2017**
Dhaka College, Dhaka
GPA: 5.00/5.00
Awarded with National Education Board Scholarship
- **Secondary School Certificate Examination (SSC)** **2015**
Shamsul Hoque Khan School and College, Dhaka
GPA: 5.00/5.00

RESEARCH INTERESTS

- Diagnosis of various infections and host-pathogen interactions, molecular epidemiology, characterizations including antigenic analysis of structural components, genome structure and expression
- Safe food production and control of food-borne infections and zoonotic diseases
- Investigating new methods for preventing and controlling common arthropod-borne diseases.
- Poultry and livestock management and Hygiene
- Antimicrobial resistance
- Biofilms formation

RESEARCH EXPERIENCES

- **Research Student** **Jan'22 – Present**
 - ❖ **MTR lab** at the **Department of Microbiology and Hygiene**, Bangladesh Agricultural University under the supervision of **Prof. Md Tanvir Rahman**
 - **Gathered Experience in:**
 - Sample collection (Blood, Organs, Tissues, swabs), Sample preparation, Necropsy
 - **Microbiological techniques:** Isolation, cultivation, reviving, and identification of microorganisms using colony morphology, gram staining, different biochemical tests, Antibiotic Sensitivity Test, Biofilm microplate test, Tube adherence test
 - **Molecular biology techniques:** DNA extraction, PCR, Gel electrophoresis
 - **Serological Test:** ELISA

INTERNSHIP EXPERIENCES

Total duration: 6 months

- Veterinary Teaching Hospital, BAU, Mymensingh
- Upazila Livestock Office and Veterinary Hospital, Trishal, Mymensingh
- Livestock Research Institute, Mohakhali, Dhaka
- Military farm, Savar
- Bangladesh National Zoo, Mirpur, Dhaka
- Teaching and Training Pet Hospital and Research Center, Purbachal, Dhaka
- Central Disease Investigation Laboratory, Dhaka
- Central Veterinary Hospital, Dhaka
- BRAC Artificial Insemination Enterprise, Shambhugonj, Mymensingh

LEADERSHIP EXPERIENCES

Arranged a seminar on “A Comprehensive Guide to Higher Studies in the USA” at Shilpacharya Zainul Abedin Auditorium, Bangladesh Agricultural University, Mymensingh-2202

TRAINING

1. **Basic Knowledge of Computer and Microsoft Office applications** **Feb'24-Mar'24**

Arranged by: Graduate Training Institute & ICT Ministry of Bangladesh

Duration: 20 days

Professional software, operations, and maintenance.

About LinkedIn, Freelancing profile & freelancing activities.

Data analysis by using Microsoft Excel.

2. Hands-on practice of Disease Investigation - 2022 at Bogura

24th Jun'22 - 26th Jun'22

Arranged by: Department of Pathology, Faculty of Veterinary Science.

Duration: 3 days

- Performing surveys in different poultry farms.
- Visiting feed mills, government poultry farm & learn their technologies.
- Participating in seminars, field visits, presentations, and report writings.

3. Agricultural Extension Field Trip at Belkuchi, Sirajganj

13th Nov'22 – 18th Nov'22

Arranged by: Department of Agricultural Extension Education, BAU.

Duration: 6 days

- Interviewing and disseminating technology among farmers.
- Participating in seminars, field visits, vaccination camps, presentations, group discussions, and report writings.

AWARDS AND ACHIEVEMENTS

Certification:

- Veterinary Practitioner, **Bangladesh Veterinary Council (BVC)**. Registration Number: 8801
- Certificate of Participation on a week-long “**Extension Field Trip program**”, **Department of Agricultural Extension Education, BAU, November 2022**
- Antimicrobial resistance -theory and methods, **Coursera, August 2021**
- Bacteria and Chronic Infections, **Coursera, August 2021**
- Fundamentals of Immunology: Innate Immunity and B-Cell Function, **Coursera, September 2021**
- Fundamentals of Immunology: T cells and Signaling, **Coursera, September 2021**

SKILLS AND COMPETENCIES

- | | | |
|----------------------------|--|-------------------------------------|
| • Soft skills | Microsoft Excel, Microsoft Word, PowerPoint | Technical skills: Expert |
| • Laboratory skills | Sample collection, sample preservation, Media preparation, Bacteria culture and isolation, Antibiotic sensitivity test (Disk test), PCR, Gel electrophoresis, Gram staining, ELISA, Necropsy | Skills: Expert |
| • Communication | Oral and written communication: English, Bangla, Japanese (Basic) | Language proficiency: strong |

REFERENCES

1. Dr. Md Tanvir Rahman
Professor
Department of Microbiology and Hygiene
Faculty of Veterinary Science
Bangladesh Agricultural University,
Mymensingh-2202
Mobile: +880-1913323307
Office: +88 -091-67401 ext.6385
Email: tanvirahman@bau.edu.bd
2. Dr. Mahbubul Pratik Siddique
Professor
Department of Microbiology and Hygiene
Faculty of Veterinary Science
Bangladesh Agricultural University,
Mymensingh-2202
Mobile: +880-1751945123
Office: 880-91-67401-6 Ext.63225
Email: mpsiddique@bau.edu.bd