

## **DR. Rupaly Akhter**

rupaly\_akhter@yahoo.com/r.akhterptox@sau.edu.bd

### **PRESENT ADDRESS**

#### **Assistant Professor**

Department of Pharmacology & Toxicology,  
Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural  
University (SAU), Dhaka-1207, Bangladesh  
Cell: +880-1721625239, +880-163004006



### **CAREER OBJECTIVES**

Building up an excellent career in a teaching and research utilizing my innovative skills and potentiality to work in participatory approaches to contribute effectively through facing new challenges where strong sense of responsibility, efficiency and willingness to learn will be appreciated highly.

### **PROFILE**

A hardworking and studious with some work experience in Field of pharmacology & Toxicology in poultry & Laboratory animals, Bangladesh Agricultural University to conduct research and now working as an Assistant Professor of Pharmacology & Toxicology department in Sher-e-Bangla Agricultural University.

### **PERSONAL INFORMATION**

Name : **Rupaly Akhter**  
Husband's Name : Kazi Anowar Hossain  
Mother's Name : Tahera Begum

Permanent Address : Vill- Shambogonj (Railgate),  
P.O-Shambogonj, P.S: Mymensingh Sadar, Dist:  
Mymensingh

Cell Phone : +8801721625239

Date of birth : 4<sup>th</sup> December, 1988

Place of birth : Mymensingh, Bangladesh

Nationality : Bangladeshi (By birth)

Marital Status : Married

Religion : Islam

Blood Group : B (+Ve)

### **ACADEMIC QUALIFICATION**

MS in Pharmacology 2014, **First Class 3<sup>rd</sup> (3.75, on a scale of 4.00)**, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh

Doctor of Veterinary Medicine (DVM) 2012, **First Class 12<sup>th</sup> (3.64, on a scale of 4.00)**, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh

Higher Secondary Certificate (HSC) 2005, **4.80 (on a scale of 5.00)**

Secondary School Certificate (SSC) 2003, **4.63 (on a scale of 5.00)**

### **PROFESSIONAL EXPERIENCE**

| <b>Institute</b>                      | <b>Profession/Department</b>                  | <b>Designation</b> | <b>Time</b>                                 |
|---------------------------------------|---|--------------------|---|
| Sher-e-Bangla Agricultural University | <b>Teacher, Pharmacology &amp; Toxicology</b> | <b>Lecturer</b>    | <b>14, October 2014 to 16, October 2016</b> |

|   |   |                                |   |
|---|---|--------------------------------|---|
| Sher-e-Bangla<br>Agricultural<br>University | <b>Teacher,<br/>Pharmacology &amp;<br/>Toxicology</b> | <b>Assistant<br/>Professor</b> | <b>16, october 2016<br/>to till now</b> |
|---|---|--------------------------------|---|

### **Experimental Technique**

- Poultry and lab animal management & their biosecurity maintain.
- Drug preparation, observation of pathological postmortem lesions.
- Serum & blood analysis.
- Histopathological analysis.
- Bacterial inoculation & isolation.
- Cell and semen cryopreservation
- ELISA, RIA and related techniques
- Different types of light and fluorescent microscopy

### **Computer Literacy**

Proficient in MS Office, PowerPoint, Excel and Access.

### **Some Other Training:**

✓ **7 days extension tour**

Successfully completed one week “Extension Field Trip” Visit of an Upazilla (Mudhupur, Tangail) to gain knowledge about the administrative set up, current activities and working procedures of different Government & Non-Government Organizations.

✓ **6 months internship program, July-December’2011**

| <b>Placement</b>  | <b>Accomplishment</b>  |
|---|--|
| Veterinary Clinic, Bangladesh Agricultural University, Bangladesh | Diagnosis and treatment of medicinal and gynecological diseases of birds and animals, surgical operation (such as caesarian , castration, rumenotomy, upward patellar fixation, rectal ani, ovariohysterectomy, caponization) and Artificial Insemination (AI) |
| Central Veterinary Hospital, Dhaka,                               | Handling, Diagnosis and Treatment of small   |

|   |  |
|---|--|
| Bangladesh  | animal diseases  |
| Livestock Research Institute (LRI), Dhaka, Bangladesh.                  | Vaccine preparation such as Anthrax, FMD, HS, BQ, Rabies, PPR, BCRDV, RDV, NDV.                |
| International Center for Diarrheal Disease Research Bangladesh (ICDDR)B | Maintenance of laboratory animals and diagnosis and treatment of various diseases              |
| Central Cattle Breeding and Dairy Farm, Savar, Dhaka, Bangladesh        | Semen collection, processing, evaluation, freezing and Artificial Insemination (AI)            |
| Bangladesh Livestock Research Institute (BLRI), Savar, Dhaka            | ELISA, RIA, PCR  |
| Dhaka Zoo   | Habit, Feeding, Nutrition, Vaccination, and diagnosis and treatment of diseases of zoo animals |
| Milk Vita, Sirajgong  | Milk collection, processing, storage, pasteurization and production of various milk products.  |

- ✓ Attended **3** days **International Dairy Conference**, organized by Community-based Dairy Veterinary Foundation (CDVF), Department of Surgery and Obstetrics, Faculty of Veterinary Science, Bangladesh Agricultural University-2202, Mymensingh, Bangladesh.
- ✓ Post-Graduate Diploma in Avian Diseases, organized by Ecole Nationale Veterinaire d' Alfort (ENVA), Ceva ,ACI, & Department of Medicine & Public Health, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh
- ✓ Overview & Safe use of laboratory ventilation equipment ( Laminar air flow, Biosafety cabinets & Fume hood), organized by ESCO Biological Safety Institute, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh

### **Published research articles:**

- i. **Rupaly Akhter** et al. (2019). Antimicrobial activity in leaf extract of neem in broiler. *Journal of Research in Agricultural, livestock & Fisheries*. 6(2): 337-343.
- ii. **Rupaly Akhter** et al. (2018). Effect of bitter melon and garlic on blood glucose level and blood cholesterol level in rats in diabetic condition. *Journal of Research in Agricultural, livestock & Fisheries*. 5(3): 359-369.
- iii. **Rupaly Akhter** et al. (2018). Antidiabetic effect of bitter melon/ kerala

- (*Momordica charantia*) in alloxan induced diabetic rat. *Journal of Research in Agricultural, livestock & Fisheries*. 5(3): 373-379
- iv. **R. Akhter** and M. A. W.Sarker (2015). Effect of diclofenac sodium in broilers. *Bangladesh journal of Veterinary Medicine*. 13 (1): 19-24.
  - v. Md. Abdul Wadud Sarkar, Md. Aftabuzzaman and **Rupaly Akhter**. (2016). Arsenic detection in animal feed of Faridpur Sadar Upazilla of Bangladesh. *Asian Australas. j. Biosci. Biotechnol.* 1 (1), 141-147.
  - vi. M.S. jahan, **R. Akhter**, M. Aftabuzzaman, M.A.W. sarker and M.A.H. Beg (2014) .Arsenic Accumulation of Animal feed (grass and water hyacinth) in Faridpur Sadar Upazilla. *J. Sher-e-Bangla Agric. Univ.* 8(2), 31-38.
  - vii. Ahammad sultan, Md.Rashedul islam, Rakesh kumar yadev, **Rupaly Akhter** and Jalal Uddin Ahmed (2015). Prevalence of different reproductive disorders of small ruminants in five upazillas of mymensingh district. *Asian journal of Medical and biological research*. 1(1):74-79.
  - viii. U.Roy, M.R Islam, M.Z Hossain, A.A Maruf, M.M Hossain, **R.Akhter**, Z. Rahman and M.G.S Alam (2015). Efficiency of artificial insemination (AI) in Hubbard classic broiler parent stock. *International journal of business, social and scientific research*. 3(1):30-34.
  - ix. M.S.U. Akon, M.R. Amin, M.T. Hussan, R. **Akhter**, M.L. Mollah (2019).Effects of *Nigella sativa* and amino acids on growth performance and haematological parameters of broiler. *Bang. J. Vet. Med.* 17(2):107-115.

Ongoing Publication-

- x. **Rupaly Akhter** et al. (2020). Rescue effect of zinc and selenium of Aflatoxin poisoning in broiler.

## REFERENCES

**Mohammad Mahmudur Rahman, PhD**

Associate Professor and Head

Department of Pharmacology

Bangladesh Agricultural University

Mymensingh-2202

Cell: 01938054574

E-mail: mahmud\_abc@yahoo.ca

**Emdadul Haque Chowdhury, PhD**

Professor

Department of Pathology

Bangladesh Agricultural University

Mymensingh-2202

Cell:01712017381

E-mail: emdad d001@yahoo.com

I hereby declare that the above statements are correct and complete to the best of my knowledge.

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**(Rupaly Akhter)**