

Noshin Azra Rahman

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Education:

University of Dhaka, Dhaka

2005 M.S Microbiology

University of Dhaka, Dhaka

2004 Honours Microbiology

Viqarunnesa Noon School and College

2000 H.S.C Science

Employment Experience

**Independent University, Bangladesh (IUB), Bashundhara, Dhaka
School of Life Sciences**

Senior lecturer, August, 2014-present

Stamford University Bangladesh, Dhaka

Lecturer, September 2010 –October 2013

Stamford University Bangladesh, Dhaka

Senior Lecturer, November 2013 to February 2014

Bangladesh Atomic Energy Research Establishment – (BAERE), Ganakbari, Savar, Dhaka

Scientific Officer, January 2009 – August 2010

Academic Appointments

**Independent University, Bangladesh (IUB), Bashundhara, Dhaka
School of Life Sciences**

Senior lecturer, August, 2014-present

Stamford University Bangladesh, Dhaka

Lecturer, September 2010 –October 2013

Stamford University Bangladesh, Dhaka

Senior Lecturer, November 2013 to February 2014

Research Experience:

University of Dhaka, Dhaka, Bangladesh

Department of Microbiology

- Collection and processing of samples
- Isolation of pathogenic bacteria from clinical samples
- Serological identification
- Molecular identification
- Detection of target genes by PCR
- Detection of drug resistant genes in plasmids
- Detection of specific enzymes by enzyme assays
- Polymer cross-linking

Honors/Awards:

- **Dean's Award** provided by the faculty of Biological Science, University of Dhaka for the performance in 4-years integrated Degree of Bachelor of Science with Honors.
- **General Grade Scholarship** provided by the Board of Intermediate and Secondary Education, Dhaka for the performance in the H.S.C. examination.

Research:

- **NoshinAzra Rahman**, Asma Akhter, NusratJahan. Evaluation of Resistance of the Multi-Drug Resistance Bacteria Isolated from Burn Wounds. Stamford Journal of Microbiology and awaits publication. ISSN: 2074-5346.
- Jahid M M Islam, H Tareq, M Fizur Rahman, S M A Habib, **Noshin A Rahman**, E Molla, Mubarak A Khan (2013).Preparation and Characterization of Low Cost Asymmetric Thin Film as Accelerating Wound Healing Material. American Academic & Scholarly Research Journal (Volume-5, No. 4, May 2013). ISSN2162-321X (print), ISSN2162-3228 (online).
- **NoshinAzra Rahman**, SabitaRezwana Rahman (2010). Multidrug-resistant (MDR) bacteria associated with burn wound infections and antimicrobial activity of leaf gel of *Aloe barbadensis* against some isolates. Bangladesh Journal of Medical Science (Volume-16; issue-1; pg-33-37).ISSN1607-0755.
- Mubarak A Khan, Jahid M M Islam, **NoshinAzra Rahman**, F Rahman (2010). Development of Artificial Blood Plasma Substitute. Technical Report (IRPT) Jan 2009-Dec 2010. Bangladesh Atomic Energy Research Establishment. ISSN2074-2371.

Manuscript under processing:

- **NoshinAzra Rahman**, Md. Firoz Ahmed, SabitaRezwana Rahman. Comparative Antimicrobial Activity of Traditional Antibiotics with Extract of *Aloe barbadensis*. Submitted in **Jundishapur Journal of Microbiology** and awaits their decision. ISSN: 1301-143X (print), ISSN: 1309-1484 (electronic).

Conference Papers and Presentations

- **NoshinAzra Rahman**, MozammelHoq. (2007). Degradation of Native Feathers by *Bacillus licheniformis* MZK-03. Abstract presented nationally in the 23rd annual conference of Bangladesh Society of microbiologists (22nd June, 2007).
- **NoshinAzra Rahman**, SabitaRezwana Rahman. (2008). Antibacterial effect of Aloe vera (*Aloe barbadensis*) on multidrug resistant bacteria isolated from burn wound infections. Abstract presented nationally in the 24th annual conference of Bangladesh Society of Microbiologists (28th June, 2008).
- **NoshinAzra Rahman**, SabitaRezwana Rahman. (2010). Comparison of Antimicrobial Effect of *Aloe barbadensis* with Chloramphenicol and Imipenem on Multidrug Resistant (MDR) Bacteria Isolated from Burn Wound Infections. Poster presented at the 5th International Conference on Microbiology of Food, Health and Environment: Problems and Prospects in Developing Countries, held in 26-28 December 2010.