

**CURRICULAM VITAE  
OF  
FAHIM ALAM NOBEL**

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**Objective:**

To build a career which enables to maximize my academic talent and develop my inner potential and contribute my wellbeing towards development of the organization. Strives to enhance the effectiveness and efficiency of all functions for excellence through dedication and commitment in my entire endeavor in a dynamic organization, this would also facilitate continual learning.

**Educational qualification:**

**B. Sc. In Biochemistry and Molecular Biology**

Department : Biochemistry and Molecular Biology  
Institution : Mawlana Bhashani Science and Technology University  
Passing year : 2017  
CGPA : 3.71 (Out of 4)

**M.S. In Biochemistry and Molecular Biology**

Department : Biochemistry and Molecular Biology  
Institution : Mawlana Bhashani Science and Technology University  
Passing year : 2018  
CGPA : 3.90 (Out of 4)

**Higher secondary Certificate (H.S.C)**

Institution : Cantonment Public School and College, Mymensingh  
Group : Science  
Passing year : 2012  
GPA : 5.00 (Out of 5.00)

**Secondary School Certificate (S.S.C)**

Institution : Cantonment Public School and College, Mymensingh  
Group : Science  
Passing year : 2010  
GPA : 5.00 (Out of 5.00)

### **Skill and Expertise:**

1. Python programming
2. R programming
3. Linux computing system
3. SPSS
4. Latex
5. Microsoft Office (Excel, Word, Power point)

### **Publications:**

1. Al Zamane, S., Nobel, F.A., Jebin, R.A., Amin, M.B., Somadder, P.D., Antora, N.J., Hossain, M.I., Islam, M.J., Ahmed, K. and Moni, M.A., 2021. Development of an in silico multi-epitope vaccine against SARS-COV-2 by précised immune-informatics approaches. *Informatics in medicine unlocked*, 27, p.100781.
2. Nobel, F.A., Akter, S., Jebin, R.A., Sarker, T.C., Mizanur, M., Rahman, S.A.Z., Islam, K., Sabrina, S., Akther, N., Islam, A. and Rakibul, M., Prevalence of multidrug resistance patterns of *Escherichia coli* from suspected urinary tract infection in Mymensingh city, Bangladesh.
3. Islam, M.J., Khatun, M.M., Yesmin, S., Ghagra, S., Hasan, S., Nobel, F.A., Mozibullah, M., Sohel, M., Mogal, M.R., Hossain, M.A. and Hasan, M.M., Bacteriophage JSF4 can be a Potential Prophylaxis Therapy for Cholera: An Alternative Approach to Antibiotics.
4. Islam, M.J., Sarker, T.C., Jebin, R.A., Yasmin, F., Khatun, M., Islam, M.A., Ramzan, S.B., Nobel, F.A., Akter, S., Islam, M. and Hasan, M.M., 2020. Determination of optimum survivability factors of highly pathogenic *Vibrio cholerae* 01 serogroup specific bacteriophage JSF4φ. *American J. of Pure and Applied Biosciences*, 2(2), pp.8-14
5. Juliana, M., Asaduzzaman, M. and Islam, M.J., A Cross-Sectional Study of the HBV and HCV Based on Its Epidemiology in Mymensingh City, Bangladesh. *people*, 1, p.2.
6. Islam, M.J., Das, S.A., Nawfal, K.T., Juliana, F.M., Sabrina, S., Nobel, F.A., Akter, S., Jebin, R.A., Sarker, T.C., Mozibullah, M. and Sohel, M., 2019. Determination of HCV genotyping for therapeutic purpose in capital city Dhaka, Bangladesh. *Bioresearch Communications-(BRC)*, 5(2), pp.765-769.
7. Babu G, Nobel FA. Identification of differentially expressed genes and their major pathways among the patient with COVID-19, cystic fibrosis, and chronic kidney disease. *Informatics in Medicine Unlocked*. 2022 Jan 1;32:101038.
8. Nobel FA, Islam S, Babu G, Akter S, Jebin RA, Sarker TC, Islam A, Islam MJ. Isolation of multidrug resistance bacteria from the patients with wound infection and their antibiotics susceptibility patterns: A cross-sectional study. *Annals of Medicine and Surgery*. 2022 Dec 1;84:104895.

9. Islam S, Nobel FA, Sabrina S, Islam A, Islam MJ. Assessment and comparison of cardiovascular disease risk factors and biochemical parameters among men and women: A cross-sectional study. *J Adv Biotechnol Exp Ther.* 2023;6(1):25-34.
10. Nobel FA, Ahammad H, Saha SR, Asaduzzaman M, Nashra A, Jebin RA, Zahan Y, Kamruzzaman M, Babu G, Islam MJ. Determination of multi-drug resistance profile of isolated Gram-positive and Gram-negative bacteria from clinical pus samples in Bangladesh.
11. Nobel FA, Kamruzzaman M, Asaduzzaman M, Uddin MN, Ahammad H, Hasan MM, Kar TR, Juliana FM, Babu G, Islam MJ. Identification of Differentially Expressed Genes and Protein-Protein Interaction in Patients With COVID-19 and Diabetes Peripheral Neuropathy: A Bioinformatics and System Biology Approach. *Cureus.* 2024 Apr 18;16(4).
12. Nobel FA, Kamruzzaman M, Jebin RA, Uddin MN, Ruhee NN, Babu G, Islam MJ. Revealing biomarkers and major pathways between SARS-CoV-2 and SARS-like viruses using transcriptomics analysis. *Human Gene.* 2024 May 1;40:201292.
13. Mahmud AR, Ahammed MM, Islam M, Nobel FA, Kamruzzaman M, Uddin MN, Islam MJ. Age and Gender Disparities in Cancer Biomarker Expression: Insights from a Population-Based Investigation in Mymensingh District of Bangladesh. *MBSTU Journal of Science and Technology.* 2024 Jun 3;10(1):9-16.
14. Mafij Uddin MK, Cabibbe AM, Nasrin R, Ghodousi A, Nobel FA, Mazidur Rahman SM, Ahmed S, Ather F, Abdur Razzaque SM, Raihan A, Modak PK. Targeted next-generation sequencing of Mycobacterium tuberculosis from patient samples: lessons learned from high drug-resistant burden clinical settings in Bangladesh. *Emerging Microbes & Infections.* 2024 Aug 14(Just Accepted):2392656.

### **Seminars:**

1. A Seminar On "Exploring the Knowledge of Molecular Biology and its Application, 2019"
2. A Seminar On "Advance Research and Scopes in the Field of Biochemistry and Molecular Biology, 2018"

### **Trainings:**

1. Attended a six days Training on Basic Biotechnology in National Institute of Biotechnology, Ganakbari, Ashulia, Dhaka-1349 held on January 19<sup>th</sup> 2019 to January 24<sup>th</sup> 2019.
2. Training on Biosafety and Biosecurity under the Biosafety division, icddr,b.

### **Working Experience:**

1. Worked as an intern in Food Safety and One Health Laboratory, under Laboratory Sciences and Service Division (LSSD), icddr, b, Dhaka -1212, Bangladesh from 17 September 2019 to 31 December 2019.
2. Worked as a Research Fellow in Food Safety and One Health Laboratory, under Laboratory Sciences and Service Division (LSSD), icddr, b, Dhaka -1212, Bangladesh from 01 January 2020 to 31 March 2022.
3. Worked as a Research Officer in Mycobacteriology Laboratory, under Infectious Disease Division (IDD), icddr, b, Dhaka -1212, Bangladesh from 03 April 2022 to 31 August 2023.
4. Currently working as a Lecturer in the Dept of Biochemistry & Molecular Biology, Mawlana Bhashani Science and Technology University, Tangail -1902

### **Personal Details:**

Full Name : Fahim Alam Nobel  
Father's Name : Late. Alauddin Sarker  
Mother's Name : Fouzia Nahar  
Date of Birth : Dec 13, 1995  
Gender : Male  
Marital Status : Married  
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Upazilla/Thana: Mymensingh Sadar  
District: Mymensingh



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Date: 22/10/2024

Fahim Alam Nobel