

## Curriculum Vitae



**Name** : **Hajara Akhter**  
**Present Status** : 34/51, Chantek School Road, Kajla, Dania, Jatrabari, Dhaka  
**Mailing Address** : 358, Wadud Bhaban, Ambagan, Khulshi, Chattogram  
**Sex** : Female  
**Nationality** : Bangladeshi

### **Field of Specialization:**

- Basic Molecular Biology techniques-DNA isolation, Primer designing, PCR, RT-qPCR, RFLP, Agarose gel electrophoresis etc.
- Histopathological Techniques
- UV Spectroscopy

### **Job profile** :

#### **Scientific Officer (March 25, 2021-until date)**

*Biomedical and Toxicological Research Institute (BTRI), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka-1205, Bangladesh.*

#### **Lecturer (October 05, 2020- March 24, 2021)**

*Department of Medical Biotechnology, Bangladesh University of Health Sciences 125/1, Darus Salam, Mirpur-1, Dhaka-1216, Bangladesh.*

#### **Adjunct Faculty (March 01, 2019- October 04, 2020)**

*Department of Medical Biotechnology, Bangladesh University of Health Sciences 125/1, Darus Salam, Mirpur-1, Dhaka-1216, Bangladesh*

### **Academic Background**

Degree	Year	University	Location	Major Field
B.Sc.	2017	University of Chittagong, Bangladesh	Chattogram, Bangladesh	Genetic Engineering and Biotechnology
M.Sc.	2018	University of Chittagong, Bangladesh	Chattogram, Bangladesh	Genetic Engineering and Biotechnology

### **List of publications:**

- Nguyen, M.N., Akter, S., **Akhter, H.**, Ansary, S., Han, S., Shin, Y., Ha, J., Kang, I., Kim, S.S. and Choi, T.G., 2023. TOR1B: a predictor of bone metastasis in breast cancer patients. Scientific Reports, 13(1), p.1495. doi: 10.1038/s41598-023-28140-y. (IF=4.6)
- Akter, S., **Akhter, H.**, Chaudhury, H.S., Rahman, M.H., Gorski, A., Hasan, M.N., Shin, Y., Rahman, M.A., Nguyen, M.N., Choi, T.G. and Kim, S.S., 2022. Dietary carbohydrates: Pathogenesis and potential therapeutic targets to obesity- associated metabolic syndrome. BioFactors, 48(5), pp.1036-1059. doi: 10.1002/biof.1886. Epub 2022 Sep 14. (IF= 6.438)
- Akter, S., Rahman, M.A., Hasan, M.N., **Akhter, H.**, Noor, P., Islam, R., Shin, Y., Rahman, M.H., Gazi, M.S., Huda, M.N. and Nam, N.M., 2022. Recent advances in ovarian cancer: therapeutic

strategies, potential biomarkers, and technological improvements. *Cells*, 11(4), p.650. (<https://doi.org/10.3390/cells11040650>) (IF= 6.0)

- Akter, S., Hasan, M.N., Rokeya, B., **Akhter, H.**, Gazi, M.S., Sabrin, F. and Kim, S.S., 2021. Alternative medicine: A recent overview. *Alternative Medicine-Update*. DOI:10.5772/intechopen.97039 (Book Chapter)
- Akter, S., Saiedullah, M., Bhowmik, M., **Akhter, H.**, Ansary, S., Akhtar, W., Rahman, S.H.Z., Choi, T.G. and Kim, S.S., 2023. Predicting the metastatic potential in breast cancer patients in Bangladesh. *Cancer Research*, 83(7\_Supplement), pp.2099-2099. (<https://doi.org/10.1158/1538-7445.AM2023-2099>) (IF= 13.312)
- **Akhter, H.\*.**, Bhowmik, M., Sultana, L., Mia, M., Rahman, S.H.Z., Akhtar, M.W., Tahmid, T., Faruque, M. and Akter, S., 2020. 62P IGF axis in breast cancer recurrence and metastasis. *Annals of Oncology*, 31, p.S1266. DOI: <https://doi.org/10.1016/j.annonc.2020.10.082> (IF= 51.769)
- Akter, S., Faruque, M., **Akhter, H.**, Bhowmik, M., Hasan, M.N., Sultana, L., Khan, I., Mia, M., Rahman, M.M., Chaudhury, H.S. and Rafiqul, I.S., 2022. Circulatory insulin-like growth factor 1 predicts metastasis in triple-negative breast cancer. *Cancer Research*, 82(12\_Supplement), pp.1526-1526. <https://doi.org/10.1158/1538-7445.AM2022-1526> (IF= 13.312)
- S. Akhter., **H. Akhter\***, H. S. Chaudhury., L. Ali., 2022. Association of serum leptin with obesity associated type 2 diabetes, *Obesity Reviews*, 23(S2):e13503. <https://doi.org/10.1111/obr.13503> (IF= 10.867)

(ii) Processes : N/A

(iii) Others : Awarded full funded Scholarship (full registration, travel, accommodation) for attending “SCOPE School Melbourne & ICO I 17-22 October 2022” from World Obesity Federation (WOF) taking place at the Batman Hills on Collins (623 Colins St, Melbourne, VIC, Australia 3000)

### Training Information

Type (Local/ Foreign)	Title	Institution	Country	Duration
Local	21 <sup>st</sup> Special Foundation Training course for Non-Cadre Officers	National Academy for Planning and Development (NAPD)	Bangladesh	24 September-23 November, 2023
Local	Online Training on Bioinformatics for Drug Design	National Institute of Biotechnology (NIB)	Bangladesh	07-08 February, 2023
Local	Real-Time Polymerase Chain Reaction (RT-PCR)	BCSIR	Bangladesh	24 – 25 June, 2018
Local	Polymerase Chain Reaction (PCR)	BCSIR	Bangladesh	30 January-03 February, 2022
Local	High Performance Liquid Chromatography (HPLC)	BCSIR	Bangladesh	14-18 November, 2021
Local	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)	BCSIR	Bangladesh	10-14 October, 2021
Local	Shimadzu Fluorescence Spectroscopy (RF-6000)	Medi Graphic Trading Limited	Bangladesh	12-15 September, 2021
Local	Statistical Package for Social Science (SPSS),	Bangladesh University of Health Sciences (BUHS)	Bangladesh	01-30 March, 2019

Id links : <https://www.researchgate.net/profile/Hajara-Akhter>, <https://scholar.google.com/citations?user=dHJP6cYAAAAJ&hl=en>