

Curriculum Vitae

Name : Rehnuma Tasmiyah Chowdhury

Present Status : Scientific officer

Mailing Address : reh.tas10@gmail.com

Sex : Female

Nationality : Bangladeshi



Field of Specialization

- Analysis & operating of sample in PCR & RT-PCR
- Analysis & operating of sample in UV-spectroscopy
- Histopathology

Job Profile

Scientific Officer : From 24th June, 2021- till now

- Conference/Congress Proceeding(s)** :
- 1) Rehnuma Tasmiyah Chowdhury(SO) presented her poster on **‘Status of pig-based adulteration in industrially processed food, feed, and pharmaceutical items’** on **‘International Conference on Environmental Protection for Sustainable Development (ICEPSD)-2022’** held on 02/09/2022 to 04/09/2022
 - 2) Rehnuma Tasmiyah Chowdhury(SO) presented her poster on **‘Identification of the phytoconstituents, antioxidant activity & in vivo analysis of ethanolic *Adhatoda vasica* leaf extract’** on **‘BCSIR Congress-2023’** held on 08/03/2024 to 10/03/2024

Academic Background

Degree	Year	University	Location	Major Field
B.Sc.	2016	University of Chittagong, Bangladesh	Chattogram, Bangladesh	Biochemistry and Molecular Biology
M.Sc.	2018	University of Chittagong, Bangladesh	Chattogram, Bangladesh	Biochemistry and Molecular Biology

List of publications:

Roy, D.C., D. Adhikery, M. Abdurrahim, M. M. K. Hossain, R. T. Chowdhury, C. Lyzu, A. K. Sarker, ‘A simplex PCR-based approach to trace the pulp adulterant of sweet pumpkin in industrially processed mango juice items by targeting the chloroplast ycf1 gene fragment’, Journal of Food and Humanity, 1 (2023) 562–570.

List of Developed Processes/Patents:

One patent has been submitted to the BCSIR authority.

1. **“A METHOD FOR DETECTING TOMATO-SPECIFIC YCF1 GENE FRAGMENT AND THEREOF”**

Training Information

Type (Local/ Foreign)	Title	Institution	Country	Duration
Local	RT-PCR	BCSIR	Bangladesh	04– 08 February 2024
Local	HPLC	BCSIR	Bangladesh	07– 11 May 2023
Local	Polymerase Chain Reaction (PCR)	BCSIR	Bangladesh	30 January -03 February 2022
Local	Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)	BCSIR	Bangladesh	10 -14 October 2021

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