

Curriculum Vitae

Personal Information

Name: **Dabashes Adhikery**

Designation: Scientific Officer

Institute: Biomedical and Toxicological Research Institute (BTRI), Bangladesh Council of Scientific and Industrial Research (BCSIR)

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Address: Chemical Science Research Division, Biomedical and Toxicological Research Institute (BTRI), BCSIR, Dr. Quadrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh



Discipline / Specialization / Expertise

Genetic Engineering and Biotechnology

Profile Summary

Dabashes Adhikery is a dedicated and enthusiastic scientist working in the Chemical Science Research Division at the Biomedical and Toxicological Research Institute (BTRI), part of the Bangladesh Council of Scientific and Industrial Research (BCSIR). Since joining BCSIR as a Scientific Officer, he has contributed significantly to research in DNA identification, antimicrobial activities, and seaweed product development. Dabashes holds B.Sc. and M.Sc. degrees in Genetic Engineering and Biotechnology from Jessore University of Science and Technology (JUST).

Research Interests

- Biotechnology
- Genetic Engineering
- Molecular Biology
- Microbiology

Job Experience

Scientific Officer, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh

March 2021 – Present (**Full-time Research Position**)

Research Project

Chewing gum formulation from herbal sources to inhibit dental caries.

Institution: BTRI, BCSIR, Dhaka-1205

Duration: July 2021 – June 2023

Role: Project Leader

Funding: 3.00 Lakh BDT

Education

M.Sc. in Genetic Engineering and Biotechnology

Jessore University of Science and Technology

2016 – 2018

B.Sc. in Genetic Engineering and Biotechnology

Jessore University of Science and Technology

2009 – 2015

Publications

1. Extraction and characteristic properties analyses of sodium alginate derived from the Sargassum oligocystum brown seaweed alga of the Bay of Bengal.

Journal: Next Materials, January 2025

DOI: <https://doi.org/10.1016/j.nxmte.2024.100417>

2. 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: Food and Humanity, December 2023

DOI: <https://doi.org/10.1016/j.foohum.2023.06.024>

Awards and Grants

MOST 1 year Funded Project, 2023–2024 ()

Research Grant: 3.00 Lakh BDT