

# LETTER OF EXPERIENCE



BioLuster Research Center Ltd.  
Gopalganj 8100, Dhaka, Bangladesh  
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## To Whom It May Concern,

This is to certify that Raihan Chowdhury has been employed as a Principal Investigator at BioLuster Research Center Ltd., Gopalganj 8100, Dhaka, Bangladesh, following his promotion on August 12, 2024, and is actively contributing to our organization's research initiatives (Profile: <https://blrcl.org/Raihan-Chowdhury/>).

Chowdhury has excelled in conceptualization, study design, and the investigation of new data for drug discovery and development from natural products. His expertise extends to preclinical animal studies, molecular docking performance, pharmacokinetics predictions, and manuscript writing, showcasing his advanced technical capabilities in the field of drug discovery and development.

His notable contributions include successful involvement in the following projects:

1. Anticonvulsant effect of ( $\pm$ ) citronellal possibly through the GABAergic and voltage-gated sodium channel receptor interaction pathways: *In vivo* and *in silico* studies
2. Anticancer potential of phytochemicals derived from mangrove plants: Comprehensive mechanistic insights
3. Daidzin enhances memory and the antischizophrenia drug olanzapine's effects, possibly through the 5-HT<sub>2A</sub> and D<sub>2</sub> receptor interaction pathways
4. A mechanistic insight into the anticancer potentials of resveratrol: Current perspectives
5. Therapeutic Efficacy Studies on the Monoterpenoid Hinokitiol in the Treatment of Different Types of Cancer

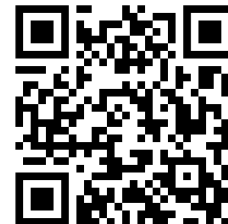
Chowdhury has consistently demonstrated excellent communication skills, dedication to hard work, and an ability to deliver on-time responses, all of which have greatly enhanced the quality of our research outputs.

His professionalism, diligence, and expertise make him an asset to any research team. We have full confidence in his potential to achieve great success in future research endeavors.

We wish him continued success and growth in all future pursuits.

A handwritten signature in blue ink, which appears to read "Md. Torequl Islam".

Sincerely,  
Md. Torequl Islam, PhD  
Position: Director and Supervisor  
BioLuster Research Center Ltd.  
Date: January 14, 2025  
Contact Information: [dmt.islam@blrcl.org](mailto:dmt.islam@blrcl.org)



Verify this certificate