

[Skip to content](#) * [DSpace](#) * [Library](#) * [Faculty Members](#) * [Degree Verification](#) * [Important Contact](#) * [Apply Online](#)

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Mr. Md. Belal Hussain Ripon

Lecturer, Department of Biotechnology & Genetic Engineering

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- [Biography](#)
- [Education](#)
- [Experience](#)
- [Research Activities](#)
- [Awards](#)
- [Training](#)

Biography

Md. Belal Hussain Ripon is a Lecturer in the Department of Biotechnology and Genetic Engineering at United International University. He has completed his Bachelor of Sciences and Master of Sciences from the Department of Genetic Engineering and Biotechnology at the University of Dhaka. In his 4th year project, he reviewed “Cancer Immunotherapy: The Future of Cancer Treatment.” Upon completing his BS, he started his MS thesis at the Center for Advanced Research in Sciences, University of Dhaka. His thesis was focused on finding mitochondrial gene mutations by sequencing and establishing the association of the mutations with type 2 diabetes mellitus. He continued to work as a research assistant at CARS, University of Dhaka after his MS. He participated in “Training on Bioinformatics for Biotechnology Research”, “Training on Biosafety and Cell Culture Techniques for Advanced Research”, and “Training on Bioinformatics for Biotechnology Research, National Institute of Biotechnology, Ministry of Science and Technology”. He was also involved in various clubs and organizations including the Bangladesh Biology Olympiad, Genetic Engineering and Biotechnology Club, National Young Biotechnologist of Bangladesh. He was awarded the “National Science & Technology Fellowship-2022” from the Ministry of Science and Technology. At the International Biotechnology Conference 2024, he won the runner-up prize for “Poster Presentation” of “Association of MT-CYB gene mutations with Type 2 Diabetes Mellitus: A case-control study”. He started his professional life at Eskayef Pharmaceutical Ltd. as a Product Executive and later joined United International University as a Lecturer. Belal aspires to achieve excellence in both teaching and research, with the objective of advancing the field of immunotherapy. He is dedicated to contributing to discoveries that improve patient outcomes while inspiring the next generation of scientists through innovative teaching methodologies.

Education

- Master of Science
Department of Genetic Engineering and Biotechnology
University of Dhaka
Graduated in 2023
- Bachelor of Science
Department of Genetic Engineering and Biotechnology
University of Dhaka
Graduated in 2022

Experience

- Lecturer
Department of Biotechnology and Genetic Engineering
United International university
(September, 2024 – Present)
- Product Executive, Marketing
Eskayef Pharmaceutical Limited
(April 2024- September 2024)
- Research Assistant
Genetic Engineering and Biotechnology Research Laboratory, CARS
University of Dhaka
(October 2022 – February, 2024)

Research Activities

- Thesis (Master of Science) dissertation: Association of MT-CYB gene mutations with Type 2 Diabetes Mellitus: A case-control study
- Project (Bachelor of Science): Cancer Immunotherapy: The future of cancer treatment

Awards

- Runner-up on “Poster Presentation” for “Association of MT-CYB gene mutations with Type 2 Diabetes Mellitus: A case-control study” at the International Biotechnology Conference 2024, University of Chittagong.
- National Science and Technology Fellowship” 2022 from the Ministry of Science and Technology, Bangladesh.
- Dr Muhammad Shahidullah Hall Trust Fund Scholarship-2023 offered for academic brilliance in BS 3rd year final result.

Training

- Training on Biosafety & Cell culture Techniques for Advanced Research 2023
Center for Advanced Research in Sciences (CARS), University of Dhaka
- Training on Laboratory Safety and MSDS Guidelines 2023
Center for Advanced Research in Sciences (CARS), University of Dhaka
- Training on Bioinformatics for biotechnology research 2021
National Institute of Biotechnology, Ministry of Science and Technology

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- Why UIU
- Vision Mission Goals
- General Information
- UIU Campus
- Guiding Principles

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- [Dept. of English](#)
- [Dept. of EDS](#)
- [Dept. of MSJ](#)
- [SoBE \(BBA, AIS, MBA, EMBA\)](#)
- [Dept. of Economics](#)

Admission

- [Admission](#)
- [Tuition Fees & Waiver](#)
- [Admission Requirements](#)
- [Admission Test Result](#)
- [Admission Procedure](#)

Important Links

- [Time Schedule of Shuttle Services](#)
- [Student Transportation Service](#)
- [Payment Procedure](#)
- [Student e-Resources](#)
- [Important Contact](#)

Quick Links

- [UCAM](#)
- [eLMS](#)
- [Parent Portal](#)
- [Online Classroom Booking](#)
- [Degree Verification](#)
- [Necessary Forms](#)

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