

Short biography of investigators

Dr. Jesmin (Project Co-PI)

Dr. Jesmin is a Professor of Department of Genetic Engineering & Biotechnology, University of Dhaka. Before joining as Professor in the department, she held positions of Lecturer, Assistant Professor and Associate Professor of the Department of Genetic Engineering and Biotechnology, University of Dhaka. She also served as the Chairperson of the same department. She was an Erasmus Mundus ECW Postdoctoral Research Associate in the Virtual Biology lab, CNRS UMR 6543 – Institute of Developmental Biology and Cancer, at University of Nice Sophia Antipolis, France. Her PhD was in Biochemistry, which she received from Imperial College of Science, Technology and Medicine, London, UK. She completed her B.Sc. and M.Sc. in Biochemistry and Molecular Biology from the University of Dhaka, Bangladesh. A number of scholarships and awards including Charles William Wallace Trust Fund Award, Overseas Research Student Award, Wingate Scholarships, CEC Scholarship, Erasmus Mundus ECW, etc are in the list of her honors and awards. She obtained advanced training in Sanger Institute in Hinxton, Cambridge, UK. She authored many manuscripts in peer-reviewed journals. Her research interests are in Molecular Biology, Disease Mechanism, drug designing and computational genomics.

Dr. Suraia Nusrin (Project Co-PI)

Dr. Suraia has achieved her PhD in Molecular Biology from City University of Hong Kong. She attained the PhD program through the Scholarship of University Grant Commission of Hong Kong. She completed her B.Sc. and M.Sc. in Biochemistry and Molecular Biology from the University of Dhaka, Bangladesh. She achieved National Science and Technology fellowship awarded by the Ministry of Science and Technology, Bangladesh, during her MS studies. She started her research career at the Enteric Microbiology Laboratory of the International Centre for Diarrhoeal Disease Research, Bangladesh and was involved with several important research projects of Center for Disease Control (CDC) and National Institute of Health (NIH). At present she is serving as the Associate Professor and Chairperson of the Department of Genetic Engineering and Biotechnology, East West University, Bangladesh. She has contributed as a first-author and a co-author of several manuscripts published in international peer-reviewed journals.

Dr. Mst Murshida Mahbub (Project PI)

Mst Murshida Mahbub received her PhD in Quantitative Biology from the University of Texas at Arlington, USA. She completed her BSc (Hons) and MS in Microbiology from the University of Dhaka. She is currently serving as Assistant Professor in the department of Genetic Engineering and Biotechnology at East West University. She started her carrier as lecturer in the department of Microbiology at Primeasia University. She then also served as Instructor in the department of Biology at University of Texas at Arlington (UTA). She has attained dissertation fellowship award in UTA during her PhD study. She obtained University Grant Commission Scholarship and Deans award for her academic achievements. She has several manuscripts in national and international peer-reviewed journals. Her research interests are in structural biochemistry, microbiology, bioinformatics and proteomics.