

Prof. Dr. M. Hafizur Rahman

Professor

Department of Biochemistry

Primeasia University,

Dhaka, Bangladesh.

Field: Biochemistry, Molecular Biology and Clinical Research



Professor Hafizur Rahman did MSc in Biochemistry (1995) from the University of Dhaka, Bangladesh. In the year 2000, he has been awarded “Monbusho” fellowship from the Japan Government for the PhD program at Kumamoto University, Japan. During his PhD graduation, he got extensive training for different techniques for Biochemistry and Molecular Biology research. He was actively involved in basic research, and cloned several genes, expressed proteins, purified these proteins, and performed functional properties.

Prof. Hafiz has 26-years of research and teaching experience in the arena of Biochemistry, Molecular Biology, Biotechnology, Diabetology, Clinical and Drug Research. Dr. Hafiz worked at BIRDEM (the Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders) as a Research Fellow, Scientific Officer, and Postdoctoral Fellow, respectively. He has a long association with molecular medicine and drug research at Dr. Panjwani Center for Molecular Medicine and Drug Research (PCMD), International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Pakistan. He served as a Visiting Professor, Research Officer, Assistant Professor, and Associate Professor at PCMD, ICCBS, University of Karachi, Pakistan as well as different academic Institutions at home and abroad. He has supervised number of graduate students in different academic institutes at home and abroad. He also won several research grants from international funding agencies as a Principal Investigator. Dr. Hafiz is very familiar with *Gene Cloning, Expression and Purification of Proteins, Isolation and Purification of DNA & RNA, PCR, Transformation, Gene sequencing and Gene manipulation, ELISA, Western blotting, Gel Electrophoresis, Histological and Immunohistochemical Techniques, etc.* Dr. Hafiz is also very familiar with the development of pre-diabetes, diabetes, and diabetic complications models in rats. Dr. Hafiz is passionate about research and teaching in the arena of biological sciences.

At present, Dr. Hafiz is working as a Professor, Department of Biochemistry and Molecular Biology, Primeasia University, Bangladesh. He is working on a multi-county and multi-center research project focusing on insulin secretory defects among Asian diabetic subjects. Furthermore, he has initiated several research projects, *i)* Pathophysiology of type 2 diabetes in Asian subjects, *ii)* Exploring insulin secretory mechanisms of natural compounds in pancreatic Islets, and *iii)* Development of an antioxidant enriched blended tea for prevention and management of diabetes.