

Biography of Professor Dr. Md. Golzar Hossain

Dr. Md. Golzar Hossain is a distinguished academic and researcher in the field of virology, currently serving as a Professor in the Department of Microbiology and Hygiene at Bangladesh Agricultural University. With a robust career spanning over a decade, Dr. Hossain has made significant contributions to the scientific community, particularly in the areas of viral replication, viro-immunology, host-virus interactions, and zoonotic diseases. His research has led to numerous publications, many of which are indexed in Scopus and Web of Science, further establishing his prominence in high-impact journals.

Born on December 25, 1987, Dr. Hossain began his academic journey by earning a Doctor of Veterinary Medicine (DVM) degree from Bangladesh Agricultural University, followed by a Master's in Microbiology from the same institution. His passion for virology took him to Japan, where he pursued advanced studies, earning his PhD from Osaka University. He specialized in viral pathophysiology and genomics, and his postdoctoral research at Osaka University focused on host-viral interactions and viral immunology, particularly related to hepatitis B virus and herpesviruses.

Dr. Hossain's academic career at Bangladesh Agricultural University began in 2012 as a Lecturer. He quickly advanced, becoming an Assistant Professor in 2014, an Associate Professor in 2019, and achieving the position of full Professor in 2023. Over the years, he has developed an impressive research profile. His work has been widely cited in Google Scholar, Scopus, and Web of Science, reflecting the global impact of his contributions.

Dr. Hossain has published extensively, with 54 articles in prestigious journals, including *The Lancet Microbe*, *PLOS One*, *Frontiers in Microbiology*, *Infectious Agents and Cancer*, *International Journal of Molecular Sciences*, *Viruses*, *Journal of Microbiology*, *Immunology*, *and Infection*, *Journal of Medical Virology*, *Reviews in Medical Virology*, *Infection*, *Genetics and Evolution*, and *New Microbes and New Infections*.

His academic excellence has been recognized through numerous awards, including the Best Publication Award from the Bangladesh Agricultural University Teachers Association (2019, 2020, 2022) and the JASSO Fellowship from Osaka University in 2023. In 2024, he was ranked in the World's Top 2% Scientists list, an honor jointly published by Stanford University and Elsevier. He has also received accolades for his presentations at international conferences, further cementing his reputation as a leading figure in virology.

In addition to his academic and research achievements, Dr. Hossain actively participates in various collaborative projects, both as a principal and co-principal investigator. He leads several research initiatives funded by prestigious organizations such as the Ministry of Science and Technology, the Ministry of Health of the People's Republic of Bangladesh, City Bank Limited and Bangladesh Agricultural University. His current research focuses on genetic surveillance of viral diseases, host-microbe interactions, vaccine development, and the epidemiology of zoonotic viruses in Bangladesh.

Dr. Hossain is a member of multiple professional organizations, including the American Society for Microbiology and the Japanese Society for Virology. He remains at the forefront of scientific discourse, contributing to the advancement of virology and microbiology. Additionally, he serves as an academic editor and reviewer for several reputed international scientific journals. His dedication to teaching, research, and public health makes him an invaluable asset to both the academic and global scientific communities. The details of Professor Dr. Md. Golzar Hossain are available at the following sites, <https://www.bau.edu.bd/profile/VMH1017> and <https://orcid.org/0000-0002-1487-5444>.