Bangladesh to the World: NGRI's Role in Landmark Genomic Discoveries

NSU Genome Research Institute joins £1.6M Global Project to Combat Antibiotic Resistance (https://www.nottingham.ac.uk/news/antibiotic-resistant-infections-in-a-post-pandemic-world). Professor Muhammad Maqsud Hossain, Department of Biochemistry and Microbiology at **North South University**, is collaborating in a £1.6 million international research project that will use **artificial intelligence (AI)** to tackle antibiotic-resistant infections. The project, funded by the **UK Medical Research Council (MRC)**, is led by the **University of Nottingham** in partnership with **Queen's University Belfast, IEDCR Bangladesh, and NSU**. Antimicrobial resistance (AMR) is a major global health threat, causing an estimated **1.27 million deaths in 2019**. The study will focus on **Klebsiella pneumoniae**, a multidrug-resistant bacterium identified by the **World Health Organization** as a critical priority pathogen. Professor Hossain highlighted the importance of Bangladesh's role in this initiative, noting that the findings will not only contribute to global drug discovery but also strengthen national strategies against AMR.