

**Dr. Krista Queen, Ph.D.**

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Dr. Krista Queen, Ph.D. is the Director of Viral Genomics and Surveillance at LSU Health in Shreveport, Louisiana, USA, and a faculty member of the GISAID Academy. With a research background in virology, pathogen discovery, and sequencing applications, Dr. Queen leads the organization and implementation of training opportunities for the GISAID Data Science Initiative, which includes data analysis tools for researchers. Dr. Queen and her team also ensure the maintenance of quality standards for data and computed results. In her laboratory, Dr. Queen focuses on genomic surveillance of respiratory viruses, including wastewater surveillance. Prior to her current role, Dr. Queen served as an alumna of the US Centers for Disease Control and Prevention from 2013 to 2021, where she played a key role in the sequencing activities for MERS-CoV and hCoV-19 while focusing on pathogen discovery and detection.