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Measles, Mumps, and Rubella

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Vaccination against measles, mumps, and rubella has significantly reduced these infectious diseases' incidence, mortality, and morbidity. Efforts by countries and other organizations aim to eradicate these diseases. High-quality surveillance is crucial to confirm endemic transmission and control interruption in endemic areas. While global elimination of mumps is not the primary focus, countries with high vaccine uptake have notably reduced cases. Recent mumps outbreaks among vaccinated young adults suggest vaccine immunity waning.

Genotyping and sequence analysis are vital for defining the epidemiology of these diseases and documenting transmission interruption. More precise genotyping tools like extensive sequence analysis, whole genome sequencing, and bioinformatics are needed to track transmission as we near elimination.

This Special Issue aims to collate papers that explore molecular approaches used in the global surveillance and epidemiology of measles, mumps and rubella, with varied methodologies to characterise outbreaks and define the transmission of these vaccine-preventable viruses.

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Special Issue

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Message from the Editor-in-Chief

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