

Special Issue

Viruses Associated with Gastroenteritis

Message from the Guest Editors

It is estimated that 50–70% of all cases of infectious acute gastroenteritis (AGE) worldwide are caused by viruses. Noroviruses, rotaviruses, adenoviruses and astroviruses are the main causative agents, accounting for 3–5 billion cases and 1.5 million deaths per year; these particularly affect children in low and middle-income countries (LMIC) with poor access to safe water, sanitation and health care infrastructure. This Special Issue will focus on the mechanisms implicated in the pathogenesis of viruses associated with acute gastroenteritis, with an emphasis on their pathophysiology, virus tropism and replication, vaccine design and production, preventive measures, the development of new therapeutic approaches, the immune response, differential laboratory diagnosis, the role of the microbiota, host genetic factors, molecular epidemiology, and surveillance.

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Editor-in-Chief

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