

Special Issue

Viral and Bacterial Pathogens in Gastrointestinal Cancer

Message from the Guest Editor

Bacteria and viruses have long been incriminated in the development of malignancy. In fact, infections are associated with 20% of human cancers. Several viruses are known to be tumorigenic, including human papillomavirus Epstein–Barr virus, hepatitis B and C (hepatomas) and human T-cell leukaemia virus-1 (T-cell leukaemias). *Helicobacter pylori* and gastric carcinoma is the archetypal model of a bacterium causing tumours in humans, so much so, it has been classified as a Class I carcinogen by the World Health Organization and the International Agency on Research on Cancer. Other gut microbiota associated with gastro-intestinal cancer include *Streptococcus bovis*, *Fusobacterium* and *Salmonella* Enteritidis, which have been associated with colon cancer. Similarly, chronic *Salmonella* Typhi infection has been implicated in carcinoma of the gallbladder. This Special Issue is aimed at broadening the knowledge base on the role of pathogens in gastro-intestinal cancer. Topics may include (but are not limited to) epidemiology, pathophysiology, genomic, diagnostic (biomarkers) and validation studies as well as investigations that provide prognostic data.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2022)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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