



## Oncogenic Role of Viruses and Bacteria

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Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

Approximately 15–20% of all human cancers are caused by viral and bacterial infections and the International Agency for Research on Cancer classified eight pathogens as human carcinogens (including seven viruses and one bacterium), such as the Epstein–Barr virus (EBV), hepatitis B and C viruses (HBV and HBC), Kaposi's sarcoma herpes virus (KSHV), human immunodeficiency virus, type 1 (HIV-1), human papillomavirus (HPV), human T-lymphotropic virus type-1 (HTLV-1), and the *Helicobacter pylori* bacterium. Furthermore, the potential oncogenic role of additional infections is under investigation.

These viral and bacterial infections can contribute to oncogenic mechanisms by an interplay between pathogenic factors and host cell processes, and are involved in several hallmarks of cancer. Notably, links between infection and cancer types have already provided actionable opportunities to reduce the global impact of cancer, such as the vaccine to prevent the HPV-associated cancers.

The aim of this Special Issue is to collect any contributions on the role of viruses and bacteria in cancer. Original research papers, review articles, or short communications are welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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