

Special Issue

Oncogenic Role of Viruses and Bacteria

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

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