

## Special Issue

# Viral Infections and Cancer: Recent Advances and Future Perspectives

### Message from the Guest Editor

Viral infections account for 15–20% of human cancers. They are the second most important cause of cancer and a matter of global concern. Viruses can target major cellular mechanisms and pathways in a direct or indirect manner to cause the development of cancer. The mechanism(s) by which viruses can cause cancer are complex and one or more viruses can contribute to the development of cancer. Viruses can cause cancer by alterations in protein expression, genomic modification, chronic inflammation and by causing immune suppression. Some commonly known examples of virus-induced cancers are cervical squamous cell carcinoma, head and neck squamous cell carcinoma, hepatocellular carcinoma, Kaposi's sarcoma and Burkitt's lymphoma. Studies on the role of viruses as a cause of cancer has led to the development of vaccines that can protect against oncogenic viral infections. This Special Issue is expanding the current knowledge on cancers caused by viral infections. Experimental studies on in vivo and in vitro models and review articles are all welcome for publication.

### Guest Editor

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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