

Special Issue

Human Papillomavirus (HPV) and Carcinogenesis: Recent Advances

Message from the Guest Editor

The human papillomavirus (HPV) family consists of over 170 different types, many of which preferentially infect the mucosa of the genitals, upper-respiratory tract, or skin. HPV infections are responsible for around 5% of all cancers, contributing to 30% of all pathogen-related cancers globally. Long-term infection, integration of viral DNA into the host genome, and constitutive expression of HPV oncoproteins trigger various molecular changes in infected cells, which can ultimately lead to carcinogenesis. However, there is still a gap in knowledge regarding how different HPV genotypes lead to cancer and how HPV-related pathways contribute to carcinogenesis. Elucidating these aspects may help in developing new targets for treating HPV-associated cancer. This Special Issue aims to highlight the mechanisms of HPV's involvement in cancer development. We welcome submissions that cover any relevant research topics that will advance our understanding of HPV carcinogenesis and aid in developing new targets for the prevention and therapy of HPV-associated cancers. Original research articles, reviews, and other article types are welcome.

Guest Editor

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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