

Special Issue

Molecular Mechanism of HPV's Involvement in Cancers

Message from the Guest Editor

Human papillomavirus (HPV) can cause cancer at multiple anatomical sites in both men and women. The expression of high-risk HPV types E6/E7 initiates a process of malignant transformation, including the evasion of cell cycle control, the inhibition of apoptosis, and the activation of proliferation-promoting gene transcription. Further studies on the difference between molecular profiling and possible therapeutic targets between HPV-positive and HPV-negative cancers are needed to understand whether specific changes promote HPV-associated tumorigenesis. Potential topics of interest include but are not limited to the following:

- The role of HPV in various cancers, including the molecular pathways of HPV-related cancers and experimental models for studying HPV-related cancers.
- How studying HPV-related pathways that lead to carcinogenesis will improve our understanding of HPV carcinogenesis.
- HPV genotyping, immune balance, and escape between HPV subtypes and other viruses, as well as immune intervention in HPV infection.
- Novel therapeutic molecular targets and its therapeutic effects for HPV-associated cancers.

Guest Editor

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