

Special Issue

Recent Research on Human Papillomavirus (HPV) Infection and Vaccination

Message from the Guest Editors

In recent years, significant progress has been made in cervical cancer prevention, especially in terms of the availability of prophylactic vaccines. However, the HPV vaccine has not yet achieved full coverage, and rates have dropped during the COVID-19 pandemic. It is therefore necessary to strengthen HPV vaccine education, vaccination and early prevention. Meanwhile, exploring the various aspects underlying the mechanism of progression of HPV-associated malignancies, host immune system reactions toward HPV viruses as well as HPV vaccination are important for the development of specific therapeutics and vaccines against viral clinical manifestations. Research areas: the knowledge and attitudes surrounding prophylactic HPV vaccination; vaccination implementation; effective instruments or interventions to improve public awareness of HPV vaccination; vaccination equity; the impact of the COVID-19 pandemic on HPV vaccination; host factors related to HPV infection, persistent, cervical intraepithelial neoplasia, and cervical cancer; co-infection of HPV with other pathogens; progression of HPV-associated malignancies; HPV and host-virus interaction; novel HPV vaccine development.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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