



Immune Responses to Papillomavirus Infections

Guest Editors:

Dr. Jiafen Hu

Department of Pathology,
Pennsylvania State University
College of Medicine, Hershey, PA
17033, USA

Dr. Vivien Béziat

Imagine Institute, University of
Paris, Paris, France

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Message from the Guest Editors

Dear Colleagues,

Human papillomavirus (HPV) infection is the most common sexually transmitted disease that causes approximately 5% of human cancers. Current prophylactic vaccines are effective at preventing HPV infections but provided no therapeutic effect on pre-existing HPV infections. Intriguingly, most HPV (about 90%) infections are cleared by hosts within 1-2 years after exposure. Understanding host control of HPV infections will potentially shed light on the development of novel therapy for HPV associated diseases and cancers. Innate and adaptive immunity have contributed to recognize and fight HPV infections. However, HPV has several mechanisms for circumventing the immune responses.

The current issue covers research relating to how the immune system effectively clear papillomavirus infections, and what immune responses are key factors in this optimum outcome. We would like to invite you to share your recent findings or perspectives on host immunity to papillomavirus, including but not limited to innate and adaptive immune responses in preclinical models and human studies.





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Editor-in-Chief

Dr. Eric O. Freed

Director, HIV Dynamics and Replication Program, Center for Cancer Research, National Cancer Institute, Frederick, MD 21702-1201, USA

Message from the Editor-in-Chief

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Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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