

Special Issue

Oncogenic Viruses: Advances in Molecular Diagnosis, Prevention Strategies and Therapy

Message from the Guest Editor

Tumors caused by viruses (e.g., cervical cancer, skin cancer, head and neck cancers, liver cancer, kidney cancer) are following the global trend of increasing incidence of cancers. However, the viral origin also leads to some advantages, such as the availability of screening (HPV), personalized targeted therapy (MCV), and prevention by vaccination (HBV, HPV). In this Special Issue, we would like to publish research articles regarding the most recent clinically validated and sensitive biomarkers (e.g., ctDNA) of the known oncogenic viruses (e.g., HPV, polyomaviruses, HBV, HCV, EBV), and their role for early tumor detection, prognosis, evolution, recurrence, and feasibility to be used as a therapy monitoring tool. Technical harmonization of the assays used for biomarkers detection is very important for testing the characteristics of these assays and for comparative studies. I would like to invite colleagues investigating any oncogenic viruses within the areas of microbiology, virology, molecular biology, detection, public health, and vaccine development to submit their manuscripts to this Special Issue, in the form of original research and reviews.

Guest Editor

Dr. Ramona Gabriela Ursu

Department of Microbiology, Faculty of Medicine, University of Medicine and Pharmacy "Grigore T. Popa", Universitatii St. No. 16, 700115 Iasi, Romania

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Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine, Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007, Houston, TX 77030, USA

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