

Special Issue

Epstein-Barr Virus (EBV) and Nasopharyngeal Carcinoma (NPC): Pathogenesis, Viral-Host Interaction and Therapeutic Strategies

Message from the Guest Editor

Epstein-Barr virus (EBV) is recognized as a founding member of the human tumor viruses. In particular, it is nearly 100% associated with undifferentiated nasopharyngeal carcinoma (NPC), which is a lymphocyte-rich epithelial tumor arising from nasopharyngeal mucosa. However, despite decades of investigation, the interaction of EBV with host and stromal cells in affecting and transforming the normal nasopharyngeal epithelial cells to cancerous cells is not completely understood, and the development of EBV-specific therapeutic strategies to treat this associated cancer is still a major challenge. This Special Issue is devoted to highlight and identify new findings underlying the EBV-mediated pathogenesis in NPC and the translational opportunities in developing novel EBV-targeting interventions. It also focuses on expanding upon the current body of knowledge with new insights on viral interaction with the host and stromal cells in the tumor microenvironment. We welcome submissions of original research and review manuscripts that cover any aspects within EBV persistence, invasion, immunoevasion, carcinogenesis, and development of additional therapeutic options in treating the disease.

Guest Editor

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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

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