



Viruses and Cancers

Guest Editor:

Prof. Dr. Rui Medeiros

1. Molecular Oncology and Viral Pathology Group, Research Center of IPO Porto (CI-IPOP)/CI-IPOP@RISE (Health Research Network), Portuguese Oncology Institute of Porto (IPO Porto)/Pathology and Laboratory Medicine Department/Clinical Pathology/Porto Comprehensive Cancer Center Raquel Seruca (Porto.CCC), 4200-072 Porto, Portugal

2. Research Department, Portuguese League Against Cancer (NRNorte), 4200-172 Porto, Portugal

Deadline for manuscript submissions:

closed (31 December 2022)

Message from the Guest Editor

It is estimated that at least 10 % of worldwide cancers may be attributable to viral infection with a strong impact on survival and quality of life. Oncogenic viruses include various classes of DNA and RNA viruses. The viruses associated with the greatest number of cancer cases are the human papillomaviruses (HPVs), which cause cervical cancer and several other epithelial malignancies, and Hepatitis B virus (HBV) and hepatitis C virus (HCV), which are responsible for the majority of hepatocellular cancer. Other oncoviruses include Epstein–Barr virus (EBV), human T-cell leukemia virus (HTLV-I), Kaposi's sarcoma-associated herpes virus (KSHV), and Merkel cell polyomavirus (MCV).

In this Special Issue, we welcome submissions of research and review articles on the molecular mechanisms that contribute to virus-induced carcinogenesis, including papers on the role of oncoviral proteins in cell transformation, the gene mutational profile of viral and host genomes, expression levels of miRNAs, gene methylation, immune responses, and new therapeutic opportunities (including cancer vaccines for viruses-related cancers).





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI