

Special Issue

Antivirals and Vaccines: Molecular Research in Treatment and Prevention

Message from the Guest Editor

As the HIV, HCV and SARS-CoV-2 pandemics well illustrate, antivirals or vaccines have been crucial to control transmission, prevent disease progression and avert a very significant number of deaths caused by viral infections. However, vaccines are still not available for most virus infections and diseases including those caused by HIV and HCV. Likewise, a very limited number of drugs is currently available to treat deadly viral infections such as lower respiratory infections caused by RSV, influenza viruses and coronaviruses. Moreover, drug resistance is increasing in certain viruses such as HIV threatening the success obtained so far in controlling this pandemic. New and better antiviral drugs are in need to fight this global public health threat. This special issue of the International Journal of Molecular Sciences seeks to attract top level publications on the design, development and validation of new antivirals and vaccines to treat and prevent human viral diseases. We invite you to share with us your most insightful primary research work, reviews, and hypothesis on these important topics.

Guest Editor

Prof. Dr. Nuno Taveira

Research Institute for Medicines-FFUL (iMed.ULisboa), Universidade de Lisboa (University of Lisbon), Lisbon, Portugal

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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Prof. Dr. José L. Quiles

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

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