



## Recent Advances in the Development of Antiviral Agents

Guest Editor:

**Prof. Dr. Stefano Aquaro**

Department of Pharmacy, Health  
and Nutritional Sciences,  
University of Calabria, 87036  
Rende, Italy

Deadline for manuscript  
submissions:

**closed (31 January 2019)**

### Message from the Guest Editor

Dear Colleagues,

Viral infections inflict many serious human diseases, especially in the most developing countries, with very high mortality rates. New drug-resistant strains are continually emerging due to the high viral mutation rate, which makes it necessary to develop novel and possibly more potent antiviral compounds. All researchers working in this field are cordially invited to contribute original research papers or reviews to this Special Issue of *Molecules*, which will report on the design, synthesis, and evaluation of novel antiviral drug or microbicide candidates against viral infections, the identification of novel biological targets or therapeutic approaches and rationale, or studies about antiviral resistance mechanisms and strategies to prevent and/or circumvent them.

Prof. Dr. Stefano Aquaro  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

## 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](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

## Contact Us

*Molecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](https://twitter.com/Molecules_MDPI)