Special Issue

Antiviral Agents

Message from the Guest Editor

Several viruses are pathogenic and cause clinically significant diseases in humans and animals. Viruses are obligate intracellular parasites that borrow cellular metabolic pathways. They encode proteins resembling cellular proteins and force their host cell to produce progeny virions. Thus, inhibiting a viral protein without affecting its cellular equivalent is very challenging. For this reason, most compounds inhibiting viral replication are also toxic to the host. The aim of this Special Issue is to collect original research papers and reviews focused on the antiviral activity, synthesis, and mechanism of action of new small organic molecules, metal complexes, and natural products, as well as on the study of mechanisms of drug resistance and on in silico design of antiviral agents. Furthermore, studies on antiviral target validation are welcome.

Guest Editor

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Deadline for manuscript submissions

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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.

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