



Antiviral Agents

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Antonio Carta

Guest Editor





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Message from the Editor-in-Chief

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