# **Special Issue**

# Progress and Perspective of Antiviral Agents

### Message from the Guest Editors

By hijacking the cellular processes of the host, viruses infect, replicate, and cause great damage. Viruses spread rapidly and mercilessly, and in some cases, show high mortality rates due to the lack of effective treatments. These make viral infections one of the largest threats to global health, such as hepatitis C virus (HCV) infection, human immunodeficiency virus (HIV) infection, and the current global pandemic of coronavirus disease 2019 (COVID-19), caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection. Antiviral agents are drugs that inhibit the spread of virus, for example by preventing replication of the genome, blocking entry to host cells. or inhibiting viral protein synthesis or viral assembly. This Special Issue will focus on the latest developments and discovery in antiviral agents (small molecules or macromolecules). Original research articles, letters. perspectives, and reviews on the discovery, mechanistic characterization, and validation of novel antiviral agents are all welcome. Developing the novel synthesis and processes for antiviral agents is also encouraged.

#### **Guest Editors**

Dr. Bin Huang

College of Pharmaceutical Sciences, Soochow University, Suzhou,

Prof. Dr. Yaqiu Long

College of Pharmaceutical Sciences, Soochow University, Suzhou, China

Dr. Haiyan Zhu

School of Pharmacy, Fudan University, Shanghai, China

### Deadline for manuscript submissions

closed (15 April 2023)



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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/ molecules





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As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

#### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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