



Drug Design and Discovery for Treatment of Coronavirus Disease (COVID-19)

Guest Editor:

Dr. Ross Larue

Division of Pharmaceutics and
Pharmacology, The Ohio State
University, Columbus, OH 43210,
USA

Deadline for manuscript
submissions:
closed (31 March 2022)

Message from the Guest Editor

This Special Issue is related to the ongoing Covid-19 pandemic and will focus on the current advances and challenges in discovering and developing effective drugs targeting severe acute respiratory syndrome coronavirus (SARS-CoV)-2. While many advances have been made in developing vaccines, there is still a critical need for developing effective antiviral therapies. Avenues for developing SARS-CoV-2 therapies could include inhibitors that target essential viral proteins, high throughput screening campaigns targeting viral replication, novel therapies regulating the host immune system, or the repurposing of existing drugs among many other approaches. Such endeavors and discoveries will complement ongoing vaccination rollouts and will remain at the forefront as we combat this global pandemic. All researchers working in the fields of drug discovery and improvement, viral inhibition, and pre-clinical studies with novel therapies are cordially invited to contribute original research papers or reviews to this Special Issue of *Molecules*, which report on efforts towards targeting SARS-CoV-2.





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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)