





an Open Access Journal by MDPI

Computation to Fight SARS-CoV-2 (CoVid-19)

Guest Editors:

Dr. Simone Brogi

Department of Pharmacy, University of Pisa, Via Bonanno 6, 56126 Pisa, Italy

Prof. Dr. Vincenzo Calderone

Department of Pharmacy, University of Pisa, Via Bonanno Pisano 6, 56126 Pisa, Italy

Deadline for manuscript submissions: **closed (31 July 2023)**

Message from the Guest Editors

The occurrence of a new, extremely pathogenic betacoronavirus, SARS-CoV-2 (2019-nCoV), is responsible for the CoVid-19 pandemic health emergency. Accordingly, SARS-CoV-2 represents a serious global health warning. Due to progress in computer science, in silico methodologies in medicinal chemistry, pharmacology, biology, genetics, and virology cover relevant tasks in modern research in these fields. Furthermore, due to the current global health warning, such computational techniques could speed up research in order to provide innovative and targeted approaches to fight the coronavirus emergency. In light of this, this Special Issue will highlight progress in terms of drug discovery, virus biology, and epidemiology to provide researchers with the most innovative computer-driven methodologies for fighting SARS-CoV-2.

For this Special Issue of *Computation*, we invite researchers in the fields of computational drug discovery (including drug repurposing approaches), computational biology/genetics, virology, bioinformatics, and epidemiology to submit original research, short communications, and review articles related to the use of computation to fight SARS-CoV-2.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ali Cemal Benim

Center of Flow Simulation (CFS), Department of Mechanical and Process Engineering, Duesseldorf University of Applied Sciences, D-40476 Duesseldorf, Germany

Message from the Editor-in-Chief

You are invited to submit the results of your research for consideration and publication in *Computation*, an international open access journal, which is published quarterly online by MDPI.

The editorial board and staff of *Computation* are dedicated to establishing a benchmark journal for the world scientific and engineering communities for original research articles, reviews, conference proceedings (i.e., peer reviewed full articles), and communications, in the cutting-edge areas of computational biology, computational chemistry, and computation in engineering.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science),

CAPlus / SciFinder, Inspec, dblp, and other databases. **Journal Rank:** CiteScore - Q2 (*Applied Mathematics*)

Contact Us