



Computational Diagnostics and Therapeutics for COVID-19 and Other Associated Viral Infections

Guest Editors:

**Prof. Dr. Natarajan Arul
Murugan**

Department of Computational
Biology, Indraprastha Institute of
Information Technology, New
Delhi, India - 110020 Theoretical
Photochemistry and
Photophysics Group, Faculty of
Chemistry, Wroclaw University of
Science and Technology,
Wroclaw PL-50370, Poland

Prof. Dr. G. Narahari Sastry

CSIR - North East Institute of
Science & Technology (CSIR-
NEIST), Jorhat, Assam, India

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Message from the Guest Editors

Dear Colleagues,

COVID-19, caused by the SARS-CoV-2 virus, has become the most devastating health care challenge of this century. The outbreaks caused by SARS and MERS coronaviruses, swine- and avian-origin influenza, and Ebola and Zika viruses cannot be overlooked. This Special Issue is devoted to promoting research in the area of the computational development of diagnostics and therapeutics for COVID-19 and other associated viral infections. We recommend the submission of articles where the results from computational screening (molecular docking) or de novo design are validated using either experimental techniques or by employing more accurate and reliable approaches with superior ranking potential. In particular, we encourage authors to submit articles based on computational approaches for identifying lead compounds which employ scoring functions based on electronic structure theory, machine learning, or deep learning. Regarding the design of diagnostic compounds, the coverage is not limited to optical or infrared probes, but studies devoted to diagnostic platforms using biosensors and bioelectronics will also be considered.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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