Novel Drugs, Targets and Therapies against Infectious Diseases

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Message from the Guest Editors

Currently, the treatment of infectious diseases has become substantially complicated and is therefore a serious problem in health and disease management. The increase in drug resistance, as well as the threat of new pandemics and emerging infections is a fact. This necessitates the development of new strategies, improved conventional antimicrobials drugs, or even completely new mechanisms of action. In fact, bioinformatics methods such as molecular dynamics, molecular docking or QSAR (including in silico methods) are strategically used when new drugs are considered for potential use, e.g., for SARS-CoV-2 infection.

This Special Issue on "Novel Drugs, Targets, and Therapies against Infectious Diseases" focuses on the identification and further optimization of corresponding compounds and strategies, for example, i) target-, ligand-, and computer-based approaches that involve biological evaluation, ii) drug design and drug formulation/delivery, and iii) molecular docking, molecular dynamics. Interdisciplinary studies are encouraged for submission.

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Message from the Editor-in-Chief

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