



Tackling New and Reemerging Infectious Diseases through the Development of Novel Anti-infectives

Guest Editors:

Dr. Clemente Capasso

Institute of Bioscience and
Bioresources (IBBR), National
Research Council, Via Pietro
Castellino 111, 80131 Napoli, Italy

Prof. Dr. Claudiu T. Supuran

Neurofarba Department, Section
of Farmaceutical and
Neutraceutical Sciences,
University of Florence, Sesto
Fiorentino, 50019 Florence, Italy

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Message from the Guest Editors

Dear Colleagues,

The multiple challenges to the endemic, epidemic, and pandemic of infectious diseases call for a worldwide, systematic approach to quickening the efforts to discover pharmacological agents against new and reemerging infectious diseases. For example, no specific drugs are currently available to treat COVID-19. Although vaccines for Covid-19 are available, the urgency to identify effective drugs (i.e., antivirals) remains as, on a large scale, immunization reaches its effectiveness outside the time frame allowed to handle a potentially catastrophic pandemic. Moreover, antiviral drugs' association with vaccines represents an ideal pharmacological strategy to control the viral spread. The characterization of pathogen biology, pathogenesis, and host-response genomic pathways across multiple infectious agents, offers the possibility to find new targets of interventions (e.g., crucial enzymes), which serve as broad-spectrum drug targets. They can be modulated by novel or repurposed therapeutic modalities and will similarly impact numerous pathogens. In this special issue, we invite authors to publish research articles and review articles relating to the topic.





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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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