



Molecular Mechanisms and Treatment of Infectious Diseases

Guest Editor:

Dr. João R. Mesquita

1. Abel Salazar Biomedical
Institute of Sciences (ICBAS),
University of Porto, Porto,
Portugal
2. EPIUnit–Instituto de Saúde
Pública, Universidade do Porto,
4050-313 Porto, Portugal

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Message from the Guest Editor

Dear Colleagues,

Infection triggers robust immune reactions aimed at eliminating invading pathogens. These combined innate and adaptive immune responses culminate in the eventual restoration of health in most infected individuals. This intricate process entails the engagement of diverse proteins sourced from the pathogens themselves, signaling molecules and receptors, as well as cytokines and chemokines, all of which have been recognized for their pivotal roles in orchestrating this series of events. Understanding the intricate molecular mechanisms underlying host–pathogen interactions is crucial for developing effective treatments. In this Special Issue, we will target the fundamental molecular processes involved in infectious diseases, highlighting recent advancements in treatment strategies and potential therapeutic options.

Dr. João R. Mesquita
Guest Editor





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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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