

Special Issue

Spreading of Infection Diseases like COVID-19 and Influenza: Modelling and Propagation Control

Message from the Guest Editors

The recent propagation of Covid19 demands new strategies for the monitoring and control of epidemic diseases. Despite the fact that the understanding of the molecular biology of viruses is much better than decades before, humanity is confronted with the global spread of a very dangerous viral pathogen. The Special Issue is dedicated to new approaches of modelling of infection, epidemic propagation, and all aspects of connecting individual responses to pathogens with pandemic developments and their consequences. Contributions from different fields – coming from medical, molecular biological, ecological, kinetical, biophysical, physicochemical, and mathematical point of views, as well as interdisciplinary concepts, are welcome. The deadline for submitting manuscripts is 31 October 2020. However, authors are encouraged to submit their papers earlier in order to contribute to the recent scientific discussions and for supporting the correct decisions for managing the control of the recent pandemic as soon as possible.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2020)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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