

Special Issue

Transmission Dynamics of Novel Coronavirus Disease 2019 (COVID-19)

Message from the Guest Editors

This Special Issue solicits papers that help us understand the outbreak of the novel coronavirus. Papers that discuss the topics below are particularly welcome:

(1) Estimating key epidemiological variables of COVID-19 such as such as basic reproduction number (R_0), serial interval, incubation period, and case fatality ratio. The epidemiological characteristics need to be elucidated for better understanding of the COVID-19 outbreak.

(2) Investigating the biological and clinical characteristics of previous major outbreaks of coronavirus including the severe acute respiratory syndrome coronavirus (SARS-CoV) in 2003 and the Middle East respiratory syndrome coronavirus (MERS-CoV) infection outbreaks compared to the COVID-19 outbreak.

(3) Quantifying the impact of interventions aimed at containing or mitigating the epidemic, such as rapid diagnosis, social distancing, and school closures.

Guest Editors

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Dr. Jong-Hoon Kim

Deadline for manuscript submissions

closed (28 February 2021)



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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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