Coronavirus and Influenza Epidemiology. Coronavirus Vaccine Studies and Influenza Vaccine Effectiveness. New Challenges in Analysis and Reporting

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Message from the Guest Editors

In the coming years, we will face challenges in applying new methods to estimate and report acute respiratory viruses epidemiology and vaccine effectiveness to provide robust estimates that better answer the information needs of policymakers, public health authorities, clinicians, patients and the general public, the pharma industry, and regulatory bodies

We aim to improve the understanding of new approaches in research management, the gathering of clinic-epidemiological data, integration of molecular information, and reporting of results.

The scope of this Special Issue will cover the analysis and reporting of coronavirus (SARS-CoV-2) and influenza epidemiology, and vaccine efficacy and effectiveness in the next years of the first half of the twenty-first century.

We look for manuscripts that explore the challenges posed by the use of new data sources, big data, and real-world data analysis; the leadership of independent institutions, the private sector and public-private partnerships in promoting, directing, and publishing new knowledge and insights on influenza epidemiology and vaccine effectiveness; the role of molecular epidemiology and, finally, causal inference coming from observational data by counterfactual analysis.

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Special Issue

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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