



## Epidemiology as a Tool for Thinking Critically about the Cause of Disease and Ill-Health

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### Message from the Guest Editor

As the core science of public health, epidemiology provides the skills and tools to enhance critical thinking about the causes of disease and their prevention. Consequently, there is a focus on study validity. This includes the design of the study, the identification of potential biases and mitigation strategies, the appropriate application of analytical techniques, and the critical interpretation of findings. With the proliferating opportunities for publication and expansion of the body of literature, epidemiology must provide high validity and robust intelligence for decision making across the health sector. This issue will allow authors to demonstrate how applying critical thinking in epidemiology has contributed to improved decision making about the cause and prevention of disease.





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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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