

Special Issue

Statistical Research for Advanced Medical Knowledge and Public Health Improvement

Message from the Guest Editor

Genetics, selective oncological therapies and precision medicine in general are increasingly used for patient care. To achieve the goal of precision medicine, Adaptive Treatment Strategies (ATS) use data from observed patient experiences to develop treatment recommendations tailored to a particular person. Expanding advanced medical knowledge through these techniques requires the use of robust and dynamic statistical methods and models. Furthermore, research in the field of statistics can make the use of big data and healthcare databases increasingly efficient for tracing patient diagnosis and treatment pathways, improving epidemiological knowledge and, consequently, public health and patient outcomes. This Special Issue, therefore, offers a space to discuss innovative statistical methods and their results, and we invite authors to submit articles dealing with statistical methods applied to precision medicine, the use of healthcare databases and improvements in public health.

Guest Editor

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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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