

Special Issue

Advances in Biostatistics for Cardiovascular and Cancer Research

Message from the Guest Editor

Special Issue highlights how healthcare and research in cancer and cardiovascular disease have come into a new era, with the emergence of a large variety of new therapies, preventions, and interventions. With new developments in diagnostic modalities, treatment regimens, and interventions, there are new challenges in study design, power analysis, analytical methods, computational algorithms, and result interpretations for medical and public health studies aiming to evaluate the efficacy of new therapeutics, assess the performance and accuracies of diagnostic and prognostic tools, and examine the ecological impact of an exposure or a new health policy. SI encourages novel research methodologies in study design, biostatistical analysis, and computing algorithms for cancer and cardiovascular disease research. Novel methodologies include both novel biostatistical methodologies and novel applications of current methodologies in a new research topic. The areas of application include, cancer and prognostics, statistical genetics, clinical trials, epidemiologic studies, medical images, and meta-analyses. Methods related to artificial intelligence and machine learning are also encouraged.

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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