



## Understanding the Cure of Cancer via Biostatistics Method

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### Message from the Guest Editor

Dear Colleagues,

The treatment of cancer is evolving through collaborations of multi-disciplinary expertise, which aids in the translation of research into clinical benefits. Biostatistical methods are essential to the establishment of elaborate designs, analyses and interpretations for drug development and repositioning and the systematic prediction of responses. In recent years, the drug profiles of preclinical model systems of cancer such as organoids and patient-derived xenografts have been actively used to explain drug-response heterogeneity and discover novel cancer subtypes and biomarkers. With the availability of multiomic data along with the drug response profiles in these preclinical models, precision oncology that implements genomic-based diagnosis and treatment guidance is rapidly transforming the cures for cancer. The key elements of broad and equitable access to novel cancer therapies will depend on country-specific health care systems as well as particular patient subgroups. The main scope of this Special Issue is to highlight real-world evidence that describes the analysis of data via biostatistics methods.





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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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