Application of Biostatistics in Cancer Management

Guest Editors:

Dr. Xueyuan Cao
Department of Health Promotion/Disease Prevention, University of Tennessee Health Science Center, Memphis, TN 38163, USA

Dr. Yu (Joyce) Jiang
Division of Epidemiology, Biostatistics, and Environmental Health, School of Public Health, University of Memphis, Memphis, TN 38152, USA

Deadline for manuscript submissions:
closed (1 December 2023)

Message from the Guest Editors

Dear Colleagues,

In recent years, new technologies, treatment methods and study design lead to new discoveries that have greatly accelerated cancer treatment and improved treatment response and outcomes. Such new technologies include next-generation sequencing, metabolomics and proteomics, and associated computational tools and biostatical methods. In addition, the applications of machine learning and predictive modeling have been perused to predict long-term outcomes of cancer survivors and have generated combined predictors which have potential to be implemented clinically.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: (a) method/application of RNAseq in cancer; (b) method/application of microbiome in cancer; (c) method/application of proteomics in cancer; (d) cancer survivorship/long term outcome; (e) use of the Bayesian method in cancer management; (f) machine learning in cancer; and (g) meta-analysis of cancer outcomes.

mdpi.com/si/170907

Special Issue