Special Issue

Genome Informatics and Cancers

Message from the Guest Editors

Genomic profiling has played a significant role in the rapid progress in our understanding of how cancers develop and progress, and contribute to precision in clinical care. However, the complexity and heterogeneity of cancer requires genomic profiling to be conducted along a number of orthogonal dimensions: single-cell to bulk tissue, model systems to human tissues, pediatric cancers to adult cancers, SNV to epigenetic to RNA profiling, etc. Such complex studies require an in-depth understanding of the opportunities and challenges of the complex heterogeneous data, developing associated analysis methods, and appropriate application of these methods to decipher the complexity of cancers. The journal Cancers invites articles in these broad areas of research for its Special Issue entitled "Genome Informatics in Cancers." The articles may include original research, reviews, and perspectives on algorithms, statistical methods, software, and databases in all areas of cancer genomics (e.g., genomes, epigenomes, transcriptomes, regulomes, proteomes, and metabolomes).

Guest Editors

Dr. Krish Karuturi

The Jackson Laboratory, Farmington, CT USA
Department of Computer Science & Engineering, University of Connecticut, Storrs, CT USA
Graduate School of Biomedical Sciences & Engineering, University of Maine, Orono, ME USA

Dr. Joshy George

The Jackson Laboratory, Farmington, CT USA

Dr. Jeffrey Chuang

The Jackson Laboratory, Farmington, CT USA
Department of Computer Science & Engineering, University of Connecticut, Storrs, CT USA

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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