Special Issue

Cancer Genomics, 2nd Edition

Message from the Guest Editors

During the development and progression of cancer, neoplastic cells acquire a series of genetic changes that result in drastic modifications both in how the cell responds to its environment and in the cell dynamics itself. Advancements in genomic technologies and nextgeneration sequencing have produced a wealth of information and provided substantial insights into the pathogenesis of diseases. Especially in cancer, these tools have been exceptionally useful for identifying novel signal transduction pathways, with a great potential for the discovery of new biomarkers and therapeutic targets. However, the translation of these findings into a breakthrough in the understanding of cancer biology and the care of cancer patients remains a major challenge. This Special Issue highlights novel findings in cancer genomics arising from the combined use of computational tools, high-throughput sequencing technology, bioinformatics, cell biology and translational research to understand cancer biology, from genomics to cell signaling and from disease models to actual patients.

Guest Editors

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Message from the Editor-in-Chief

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