



Integrative Omics Approaches to Decipher Cancer Signaling

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Message from the Guest Editors

Over the last few decades, omics-based high-throughput approaches have enabled researchers to unravel some of the molecular mechanisms of cancer in unprecedented detail. Vast amounts of omics datasets deposited into cancer-specific public repositories have enabled rapid developments in cancer-based diagnostics, prognostics, and therapies. The integration of multi-omics datasets will allow deciphering and modeling mechanisms of tumorigenesis, cancer heterogeneity, drug resistance, cancer recurrence, and cancer patients' survival.

This Special Issue on “Integrative Omics Approaches to Decipher Cancer Signaling” will focus on studies that integrate multi-omics data on cancer and thereby identify, characterize, and validate mechanisms of cancer signaling. We welcome original papers and reviews on this emerging area of cancer biology. Original articles describing at least two omics-based approaches applied to study patient samples or in vitro models, as well as studies developing logical models of tumor-specific processes using deposited or original multi-omics findings are encouraged.





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Message from the Editor-in-Chief

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