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Cancer Targets for Personalized Therapy

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Message from the Guest Editors

Currently, to plan personalized anticancer therapy, the detection and quantification of novel biomarkers and molecular targets remains a matter of great importance. Recent novel techniques, including in cancer mutational analysis, pharmacogenomics, proteomics, and metabolomics, have given rise to new efforts in performing pathological, biochemical, molecular, and immunological research to study the mechanisms of carcinogenesis, with the final aim of finding the cancer molecular targets which could be applied in clinical practice. This Special Issue aims to present the most recent studies related to the detection of old and novel biomarkers and molecular targets in various cancers. The research could consider different aspects, including A) genetic alterations in cancer, B) diagnosis using novel molecular methods, C) cancer molecular targets, E) in vitro and in vivo pharmacogenomics models for the prevention of toxic and adverse events, F) cancer metabolic and proteomic signatures and altered pathways, G) immunologic biomarkers in cancer immunotherapy, and H) clinical and preclinical studies in drug–nutrient interactions.



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Special Issue



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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.

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