Special Issue

Cancer Proteometabolomics

Message from the Guest Editors

The application of "omic" technologies coupled with advanced statistical approaches (e.g., artificial intelligence) is increasingly being utilized to reveal the molecular drivers of tumorigenesis and to derive novel treatment strategies and biomarkers that inform clinical decision making. While "omic" approaches have largely been advanced in the areas of genomics and transcriptomics, there is considerable interest and merit in exploring proteomics and metabolomics data, as these offer detailed characterization of the functional molecular machinery and the derived biochemical outputs that ultimately effect oncogenesis and shape the tumor microenvironment and tumor–host interaction. Using proteomics, metabolomics, or integrated proteomic and metabolomic approaches in the context of cancer thus has high relevance to the identification of next-generation treatment modalities that target cancer cell dependencies, as well as to biomarkers that inform upon disease status or molecular subtypes. We are soliciting original research articles as well as reviews to contribute to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2023)

About the Journal

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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