

Special Issue

Heme Metabolism in Oncogenesis and Tumor Microenvironment: Mechanisms and Emerging Therapeutic Strategies

Message from the Guest Editors

Heme metabolism plays a crucial role in cancer development and the tumor microenvironment. Aberrations in heme and porphyrin biosynthesis and regulation have been implicated in oncogenesis, influencing tumor progression, immune evasion, and redox homeostasis. Emerging evidence, including insights from recent CRISPR screens, highlights heme metabolism as a central pathway in various cancers. This Special Issue seeks contributions that explore mechanistic insights into the role of heme and porphyrins in cancer biology, as well as therapeutic strategies targeting heme biosynthesis and metabolism. We encourage the submission of research spanning molecular and cellular mechanisms to translational approaches, focusing on how altering heme pathways could present novel treatment options in cancer therapy.

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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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