

Special Issue

Inflammation and Cancer: Origins, Mechanisms and Consequences

Message from the Guest Editor

Tumorigenesis is a complex mechanism based on the sum of multiple factors that lead to the consolidation and propagation of cancer cells. It is now well-established that, in addition to the triggering events that promote the genetic alteration, the interaction with the host immune system (and, more broadly, with the surrounding microenvironment) has a crucial role in the development of different types of cancers. The aim of this Special Issue aims to highlight the connection between the host microenvironment and the tumorigenic process, with a special focus on inflammatory pathways. This will include original articles and literature reviews that provide new insight into the fundamental bond between inflammation and carcinogenesis, paving the way to novel prognostic factors as well as adjuvant therapies for the prevention and treatment of cancer pathologies. Keywords

- inflammation
- tumorigenesis
- tumor microenvironment
- cytokines and chemokines
- adipokines

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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