

Special Issue

Emerging Hallmarks in Cancer Immunology

Message from the Guest Editor

Recent advances in immunology have transformed our understanding of various pathophysiological processes, with cancer emerging as a key condition influenced by immune system dynamics. The discovery that immune responses can shape tumor development and be harnessed therapeutically has led to significant progress, particularly in immunotherapy, now a promising strategy in cancer treatment. This Special Issue will gather scientific articles that deepen our understanding of cancer immunobiology, focusing on immune mechanisms involved in tumor initiation, progression, and control. The selected contributions will shed light on the complex interactions between immune cells and tumor cells, explore immune evasion strategies, and highlight emerging trends in immunotherapeutic approaches. Furthermore, this Special Issue will integrate multiple areas of biological sciences, such as cell and molecular biology, genetics, microbiology, bioinformatics, and biotechnology, recognizing that interdisciplinary approaches are crucial for advancing both knowledge and clinical application in this field.

Guest Editor

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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