

Special Issue

Biomaterials and Biomolecules: Recreation of the Tumor Microenvironment

Message from the Guest Editors

The tumor microenvironment (TME) is increasingly recognized as a major regulator of carcinogenesis and a growing number of studies have focused on the recapitulation of the TME in various preclinical models to explore the complex mechanisms underlying disease progression and drug resistance. In addition to neoplastic cells, the TME consists of the extracellular matrix (ECM), numerous stromal cell types, immune cells, and biomolecules which combine to create a complex signalling network. This Special Issue of *Biomolecules* will bring together both original papers and expert opinions to report on factors within the tumor microenvironment that facilitate disease progression and response to therapies. We welcome submissions that focus on the interplay between biomaterials and biomolecules that recapitulate the TME, organoids, three-dimensional culture-based approaches, and/or animal models to uncover recent progress in these concepts.

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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