

Special Issue

Tumor Microenvironment— Current Status and Therapeutic Targets

Message from the Guest Editor

The tumor microenvironment (TME) refers to the complex and dynamic ecosystem surrounding tumor cells, comprising immune cells, fibroblasts, endothelial cells, the extracellular matrix (ECM), signaling molecules, and blood vessels. This environment plays a pivotal role in cancer initiation, progression, immune evasion, and resistance to therapies. Therapeutic strategies targeting the TME are gaining traction, and include the following:

- Immune checkpoint inhibitors (e.g., anti-PD-1, anti-CTLA-4) to restore T-cell activity.
- Modulation of TAMs and CAFs to reprogram the immune response.
- Antiangiogenic agents (e.g., bevacizumab) to normalize tumor vasculature.
- Targeting metabolic pathways to disrupt the supportive environment of tumors.
- Nanoparticle delivery systems for targeted drug delivery within the TME.

In this Special Issue, we invite manuscripts that explore various cancer subtypes, with a focus on harnessing the tumor microenvironment to develop innovative therapeutic strategies.

Please click [here](#) to find more information

Guest Editor

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Deadline for manuscript submissions

28 August 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/245800

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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