
Special Issue on Cancer Biology and Cellular Mechanisms

Call for Papers

Cancer Biology and Cellular Mechanisms highlights recent advances in understanding the molecular and cellular processes underlying cancer development and progression. It covers key areas such as oncogenic signaling pathways, tumor microenvironment interactions, genetic and epigenetic alterations, and mechanisms of cell proliferation, apoptosis, and metastasis. Attention is also given to tumor heterogeneity, immune escape mechanisms, and cancer metabolism, as well as emerging therapeutic targets at the cellular level. By integrating insights from molecular biology, cell biology, and translational research, this special issue aims to deepen knowledge of cancer pathogenesis and support the development of more effective diagnostic and therapeutic strategies.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Cancer Biology and Cellular Mechanisms**. Potential topics include, but are not limited to:

- Oncogenic signaling pathways
- Tumor suppressor gene regulation
- Cell cycle control in cancer
- Apoptosis and programmed cell death
- Tumor microenvironment interactions
- Cancer cell metabolism
- Epithelial-mesenchymal transition (EMT)
- Cancer metastasis mechanisms
- Cancer stem cell biology
- Tumor angiogenesis
- Immune evasion mechanisms
- Cancer immunology
- Epigenetic regulation in cancer
- DNA damage and repair pathways
- Non-coding RNA in cancer
- Targeted cancer therapy mechanisms

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Cancer Biology and Cellular Mechanisms**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	August 28h, 2026
Publication Date	October 2026

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For further questions or inquiries, please contact Editorial Assistant at jbm@scirp.org.