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Advances in Molecular Pathogenesis Regulation in Cancer

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Message from the Guest Editors

Dear Colleagues,

Genetic and epigenetic alterations as well as the crosstalk between tumor cells and their surrounding microenvironment have been widely investigated in order to understand the basis of cancer proliferation, invasiveness, metastasis, and therapeutic resistance. Despite this increasing knowledge, molecular mechanisms underlying each tumor remain unclear. Therefore, there is still the need for:

- deeper definition of genetic and epigenetic changes in different tumors;
- better detection of tumor microenvironment components.

This information could lead to the introduction of novel biomarkers for early cancer diagnosis or tailored therapeutic approaches (target therapies).

The aim of this Special Issue is to collect papers (original articles and full reviews) on the following topics:

- Cancer biology;
- Cancer genetics and epigenetics
- Molecular mechanisms or pathways involved in cancer;
- Tumor microenvironment;
- Role of the immune system in cancer;
- Biomarkers for cancer detections
- Biomarkers for therapeutic approaches.

Special Issue

