

Special Issue

microRNAs in Tumor Microenvironments

Message from the Guest Editors

The tumor microenvironment, including cancer-associated fibroblasts (CAF), cancer-infiltrating cells, blood vessels, inflammatory cells, and several other molecules, is one of the main players involved in the development and progression of tumors. It has been widely demonstrated that the mutual interaction between cancer cells and normal cells of the tumor microenvironment is responsible for the production of proinflammatory cytokines and proteolytic proteins which favor tumor invasion and metastasis. On these bases, it is evident that miRNAs are fundamental in the regulation of the tumor microenvironment and, in turn, the progression of cancer. Therefore, further studies are needed to better understand the dynamics between miRNAs, cancer cells, and the tumor microenvironment in order to identify new diagnostic and prognostic biomarkers as well as new therapeutic targets. The aim of this Special Issue is to summarize the current understanding about the evaluation of molecular and epigenetic mechanisms responsible for alterations in the tissue microenvironment and, in particular, the mutual interactions existing between cancer and stromal cells as mediated by miRNAs.

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Deadline for manuscript submissions

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Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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