

Special Issue

Regulation of Gene Expression in Cancer

Message from the Guest Editor

Regulation of gene expression is a fundamental process, not only in normal conditions, to maintain cellular and tissue homeostasis, but also in disease states, including carcinogenesis. Cancer cells are exposed to multiple intrinsic and extrinsic stimuli during tumor onset and progression, including crosstalk with the tumor microenvironment, leading to the activation of various signaling pathways. This Special Issue aims at providing a review of the literature as well as emerging experimental evidence of the multifaceted regulation of gene expression in cancer. Specific topics in this Special Issue include the regulation of chromatin architecture, the role of chromatin remodeling complexes, the analysis of oncogene and tumor suppressor gene promoters, mutations of transcriptional regulators, post-transcriptional modifications leading to modified activity of transcriptional regulators, post-transcriptional RNA processing, regulation of RNA and protein abundance by non-coding RNAs, and RNA stability. We look forward to your contributions to this Special Issue.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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