Special Issue

Cancer Epigenetics: From Mechanism to Therapy

Message from the Guest Editor

Although the genomic sequence of an organism encodes the primary information, additional information is added by epigenetic regulation. Epigenetic modulators include methylation of DNA, post-translational modifications of histones, incorporation of histone variants, non-coding RNAs, and the chromatin structure itself. Growing evidence has implicated the involvement of epigenetic alterations in cancer. Hence, epigenetic factors could serve as biomarkers for oncological diagnosis, prognosis, and as targets for cancer therapy. The goal of this Special Issue on "Cancer Epigenetics" is to present the current knowledge on the involvement of epigenetic alterations in cancer, as well as on the development of rational strategies for drug discovery that targets epigenetic factors. The formats for submissions include original research reports, reviews, perspectives/opinions, and methodology articles.

Guest Editor

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Deadline for manuscript submissions

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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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