

Special Issue

Epigenetic Biomarkers and Diagnostics

Message from the Guest Editor

Epigenetic alterations in tumor cells, as well as in tumor microenvironments, play an important role in the pathogenesis of the cancer and are reflecting post-genetic changes related to different lifestyles and conditions. DNA methylation, histone modifications, micro-RNA, and other noncoding RNA are most researched epigenetic markers (epimark). Epigenetic signatures are explored in the tumor tissue, as well as in the liquid biopsy which is giving us a possibility to find and research most aggressive clones of cancer knowing that heterogeneity is one of the cancer hallmarks. Epimarks are stable and accessible with the possibility to follow the changes during the time. A high number of candidates for epimarks are continuously proposed and it is crucial to validate them properly with the finally good balanced assays giving us the best possible diagnostic accuracy. Special Issue would like to summarize the state of the cancer epimark field by showcasing the best research from around the world. We are flexible about the length and format of articles. We hope you share our interest in this fascinating area and can join us with your research.

Guest Editor

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