

Special Issue

Exploration of Gene Regulation and Therapeutic Targets in Refractory Cancers

Message from the Guest Editor

The treatment of refractory cancers, such as pancreatic cancer, triple-negative breast cancer, glioblastoma, oral cancer and ovarian cancer, remains a significant challenge. These malignancies are characterized by a lack of effective targeted therapies and a high propensity for developing drug resistance. Consequently, conducting a thorough investigation into their underlying gene regulatory mechanisms and identifying potential therapeutic targets is imperative. This Special Issue aims to explore the aberrant gene regulatory pathways within these hard-to-treat cancers and pinpoint key molecules for the development of novel targeted therapies. Given the limited treatment options currently available, the discovery of new targets could provide more precise therapeutic strategies to effectively overcome resistance. Furthermore, this research will investigate the potential for combining targeted therapies with immunotherapies. By inhibiting specific tumor pathways, we aim to enhance the tumor's response to immune checkpoint inhibitors, thereby paving the way for innovative combination therapies and offering new hope for patients facing these difficult-to-treat diseases.

Guest Editor

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