

Special Issue

Noncoding RNAs as New Instruments in the Orchestration of Cell Death and Cancer Therapy Resistance

Message from the Guest Editors

Dear colleagues, Increasing evidence shows that ncRNAs function either as tumor suppressors or oncogenes by regulating one or several cancer hallmarks, including evading cell death, metastasis, and drug resistance. Cancer therapy resistance is a major challenge in clinics and scientific research, resulting in tumor recurrence and metastasis. Among them, ncRNAs have been shown to regulate drug resistance by targeting drug resistance-related genes or influencing genes related to cell proliferation and cell death.

This Special issue will focus on the recent advances in “Noncoding RNAs as New Instruments in the Orchestration of Cell Death and Cancer Therapy Resistance”, including new findings concerning ncRNAs that modulate apoptosis, autophagy, and other programmed cell death and cancer resistance pathways, as well as emerging data on miRNA–lncRNA interactions that affect cell death regulation and mechanisms of resistance to therapy. Current research progress on ncRNAs for clinical and/or potential translational applications, including the identification of novel therapeutic approaches for ncRNA targeting and delivery strategies, will be also appreciated.

Guest Editors

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