

Special Issue

Targeting Non-coding RNAs for the Development of Cancer Therapeutic Approaches

Message from the Guest Editors

Cancer remains a global health challenge, representing the second leading cause of death worldwide. Thus, novel therapeutic strategies are urgently required. In this regard, non-coding RNAs (ncRNAs) constitute an attractive class of biological molecules with great therapeutic and monitoring potential. Since the discovery of the first ncRNA in 2001, much evidence has emerged in the literature about their potential usefulness in both cancer therapy and monitoring. So far, however, the partial understanding of the great biological complexity governing ncRNAs has slowed down practical use in the clinic. Despite this, there is confidence that the deepening of the knowledge of ncRNA biology achieved via further extensive research can result in the identification of valuable therapeutic and monitoring molecules for many different types of human cancers.

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