



Functional Analysis and Therapeutic Targets of Long Non-coding RNAs

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Message from the Guest Editor

Long non-coding RNAs (lncRNAs) have emerged as crucial regulators of gene expression and cellular processes, with their dysregulation being implicated in various human diseases. Consequently, lncRNAs have gained significant attention as promising therapeutic targets. The aim of this Special Issue is to provide a comprehensive overview of the latest advances in the functional analysis and therapeutic targeting of lncRNAs, with a particular emphasis on the development of novel lncRNA-based therapies.

We welcome original research articles and review manuscripts addressing the following two topics: (a) lncRNA-targeted therapeutics: This Special Issue will highlight the development of novel therapeutic strategies targeting lncRNAs, including approaches that modulate lncRNA function, stability, and localization. (b) lncRNA-based therapeutic modalities: Submissions exploring a wide range of therapeutic modalities for targeting lncRNAs, such as antisense oligonucleotides, small interfering RNAs (siRNAs), CRISPR/Cas9 gene editing, and small-molecule modulators, are highly encouraged.





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Message from the Editor-in-Chief

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