



Current Insights into Nucleic Acids

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Message from the Guest Editor

Nucleic acids are a diverse group of macromolecules that are essential for all life. While the basic principles of heredity and differentiated cell function have long been established, recent studies have revealed exciting insights into the various roles of DNA and RNA, both intracellular and extracellular, in biology, genomic structure, regulatory RNA, and the immune activities of nucleic acids. This Special Issue of *IJMS* will focus on the structural and functional roles of DNA and RNA, including advances in delineating higher-order interactions in gene function. The role of different enzymes in DNA metabolism will also be considered. Genetic studies are of interest if they illustrate important aspects of genomic structure or regulation. Papers for this Special Issue can encompass studies of both eukaryotic and prokaryotic systems as well as viruses and other infecting organisms. This Special Issue will also consider papers on methodologies including novel approaches for gene sequencing and structural analysis.





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Message from the Editor-in-Chief

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