

Special Issue

RNA-Binding Proteins in Human Diseases—from Mechanisms to Therapies

Message from the Guest Editors

Recent proteome-wide studies have established a comprehensive catalogue of RNA-binding proteins (RBPs) whose functions are largely unknown. In general, RBPs can change the fate or function of their associated RNA cargo, which has significant implications for human diseases. The goal of this Special Issue is to broaden our molecular understanding about the role of RBPs in human diseases as well as to highlight their potential to significantly contribute to personalized precision medicine efforts in the future. Hence, this Special Issue will feature target discovery strategies as well as novel developments in therapeutic and diagnostic approaches based on RBPs for disease detection and treatment, including the use of small molecules, nanomedicine, and biomaterials. We invite authors to submit their original research as well as review articles describing basic and translational findings with a special focus on RBPs and their role in human cancers, as well as cardiovascular and ageing-related diseases.

Guest Editors

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