

Special Issue

Conceptual Breakthrough of Noncoding RNAs in Biomedicine

Message from the Guest Editor

This Special Issue aims to collect high-quality papers addressing the concept of the noncoding RNA (ncRNA) functional system and its role in biomedicine. The conventional understanding of ncRNA functions is largely derived from protein-driven systems derived from organisms with limited noncoding regions, such as *E. coli* and yeast. Recent big data studies revealed that ncRNAs possess a unique functional system distinctive from the protein-based system, and proteins only work in the normal physiological state, whereas ncRNAs play much broader, critical roles than originally thought when coping with a wide array of abnormal physiological states such as cancers. The protein-based concept of ncRNA function is inappropriate for understanding their roles in biomedicine. New breakthrough concepts have become critical in advancing our understanding of ncRNA functions.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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