

Special Issue

Non-coding RNAs in Health and Disease 2.0

Message from the Guest Editor

The idea that genetic information travelling towards proteins has long represented the “central dogma” of molecular biology. However, proteins are encoded only from the 2% of the human genome, while the widest part is represented by non-coding transcriptome. Non-coding RNAs (nc-RNAs) indeed comprise the largest part of the transcriptional production of the human genome, playing pivotal roles in both health and disease processes. This Special Issue aims to focus on the role of the different species of nc-RNAs in controlling pivotal biological mechanisms, such as gene expression and developmental pathways, and on analyzing their dysregulation in the context of many different human diseases, spanning from metabolic, neurological and cardiovascular diseases to cancer. Moreover, it will concentrate on the possibility of using these molecules as biomarkers, with the potential to use liquid biopsies in modern precision medicine. Original research articles and comprehensive reviews are both welcomed here.

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2024)



Biomedicines

an Open Access Journal
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Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/133052

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About the Journal

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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