

Special Issue

MicroRNAs and Other Non-coding RNAs as Regulators, Biomarkers, and Therapeutic Targets

Message from the Guest Editor

Non-coding RNAs orchestrate cell-to-cell communication and regulate biological processes epigenetically as "key regulators" of physiological and pathological processes. An enormously increasing body of research demonstrates that microRNAs and lncRNAs play a crucial role in cellular homeostasis and human health. Furthermore, non-coding RNAs have also been linked to a wide range of human diseases, such as cancer, cardiovascular diseases, and metabolic disorders, and they can be used as biomarkers to diagnose or predict the severity of a disease. This Special Issue will explore the novel functions and mechanisms of non-coding RNAs, including microRNAs, lncRNAs, and circRNAs, in diverse cells and tissues. The issue will also discuss advances in the discovery of non-coding RNAs as novel biomarkers and therapeutic targets for human disorders. We encourage the submission of original research articles as well as review articles covering all aspects of non-coding RNAs as regulators, biomarkers, or therapeutic targets.

Guest Editor

Prof. Dr. Wan Lee

1. Department of Biochemistry, Dongguk University School of Medicine, Gyeongju 38066, Republic of Korea
2. Channelopathy Research Center (CRC), Dongguk University School of Medicine, Ilsan 10326, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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