

Special Issue

Advances in circRNA Biology

Message from the Guest Editor

Circular RNAs (circRNAs) are a new RNA type, deriving from back-splicing. circRNAs have raised researchers' interest due to their widespread expression and multifaceted role. More specifically, they can act as microRNA sponges, protein sponges or scaffolds, and encode for peptides. Additionally, they play regulatory roles in several cellular processes, including signaling and alternative splicing, both in physiological and pathological states. In particular, their expression has been associated with several aspects of cell life, for instance proliferation and migration, while several studies highlight their value as cancer biomarkers and therapeutic targets.

This Special Issue focuses on the information of the readers regarding the biogenesis and action mechanisms, targets and clinical utility of circRNAs in human physiological and pathological states, with emphasis on cancer, neurodegenerative, cardiovascular and other diseases. The authors are encouraged to submit their original research studies concerning this topic. Review articles will also be taken into consideration.

Guest Editor

Dr. Christos K. Kontos

Department of Biochemistry and Molecular Biology, Faculty of Biology, National and Kapodistrian University of Athens, Athens, Greece

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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