

Special Issue

Biogenesis, Function and Role of MicroRNA in Cancer

Message from the Guest Editors

MicroRNAs (miRNAs) are widely recognized small RNAs that are expressed in a tissue-specific manner and involved in pathological states of several diseases, including cancer, through modulating diverse cellular signaling pathways. Therefore, miRNA-based therapeutics have been proposed as a reasonable next-generation strategy to improve therapeutic responses. This Special Issue on “Biogenesis, Function and Role of MicroRNA in Cancer” aims to advance our understanding of miRNA biology, ultimately for the development of a novel strategy for cancer therapy and new applications of miRNAs in cancer diagnosis. This Special Issue welcomes a series of original research articles as well as review articles addressing the emerging advances in the field of miRNAs. Topics include, but are not limited to:

- Post-transcriptional regulation of miRNAs modulated by RNA-binding proteins and other factors;
- The role of miRNAs in cancer cells and the surrounding microenvironment;
- Expression levels, target genes, and therapeutic applications of miRNAs;
- miRNA–mRNA regulatory networks;
- Validation of miRNAs as potential cancer biomarkers.

Guest Editors

Dr. Jong Kook Park

Department of Biomedical Science and Research Institute for Bioscience & Biotechnology, Hallym University, Chuncheon 24252, Republic of Korea

Prof. Dr. Chung Kwon Kim

Single Cell Network Research Center, Sungkyunkwan University School of Medicine, Suwon 06355, Korea

Deadline for manuscript submissions

closed (10 February 2022)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



mdpi.com/si/48689

Processes

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))