



life



an Open Access Journal by MDPI

Genomics and Transcriptomics Research in Medicine

Guest Editor:

Dr. Panagiotis Adamopoulos

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

Deadline for manuscript submissions:
closed (29 December 2023)

Message from the Guest Editor

Genomics and transcriptomics research has revolutionized medicine by providing insights into the genetic and molecular basis of diseases. Genomics research involves the study of an individual's genetic makeup. Transcriptomics research, on the other hand, focuses on the expression of genes and how they are regulated in different diseases.

One major application of genomics and transcriptomics research in medicine is in cancer diagnosis and treatment. By analyzing the genetic and molecular characteristics of tumors, researchers can identify subtypes of cancer that may respond differently to treatment, as well as predict the likelihood of cancer recurrence and metastasis.

Genomics and transcriptomics research has also led to advances in the diagnosis and treatment of genetic disorders and diseases, including cardiovascular disease, diabetes, and Alzheimer's disease.

Overall, genomics and transcriptomics research is transforming medicine by providing new insights into the genetic and molecular basis of disease. As this research continues to advance and become more widely available, we can expect to see even more personalized and effective approaches to disease diagnosis and treatment.



mdpi.com/si/165586

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)