

Special Issue

Genomics and Transcriptomics Research in Medicine

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.

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)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/165586

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)