

Special Issue

Molecular Biology of Infectious Diseases

Message from the Guest Editors

Molecular biology has greatly impacted the field of infectious disease diagnosis and management. The use of molecular methods, particularly polymerase chain reaction (PCR) techniques, has led to a significant improvement in the detection and characterization of microorganisms. These methods now allow for better and more rapid identification of microorganisms in contrast with traditional laboratory methods, such as cultures. In addition to detection, molecular methods have also progressed to include detection of antimicrobial resistance genes, strain characterization through genotyping, and viral resistance which is important in monitoring responses to generic or targeted antiviral therapies. In this Special Issue, we welcome original articles, review articles, and case reports that highlight the clinical impact of molecular biology techniques for an improved clinical diagnostic of infectious diseases and their impact on a better clinical management of the patient.

Guest Editors

Dr. Elena Rusu
Dr. Diana Roxana Pelinescu
Dr. Laura Georgiana Necula

Deadline for manuscript submissions

closed (31 July 2023)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.1
Indexed in PubMed



mdpi.com/si/160452

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 7.1
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)