

Special Issue

Ecology, Evolution and Epidemiology of Coronaviruses

Message from the Guest Editors

Coronaviruses (CoVs) are a class of genetic diverse viruses found in a wide range of host species. CoVs have gained a lot of attention worldwide as in the last two decades, the world has experienced three major outbreaks due to them. Many CoVs infect humans (human Coronaviruses, hCoVs), birds and other mammals, affecting the liver, intestines, as well as the neural and respiratory system. The main goal of this special issue is to provide an integrative view of the current state of knowledge about the evolution, the ecology and the epidemiology for this group of RNA viruses. In particular, contributions that provide novel findings in the areas of genomic and transcriptome characterization, sequence variation and evolutionary events, phylogenetic and/or phylogeographic analysis, viral dispersal, cross-species transmission, recombination events, molecular interactions with host cell, immune response, population genetics, outbreaks and ecological adaptations are of great interest. Reviews that highlight the new findings in the above areas will also be welcome.

Guest Editors

Dr. Theodoros Rampias

Dr. Apostolos Beloukas

Dr. Pavlos Pavlidis

Deadline for manuscript submissions

closed (20 September 2021)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/49257

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)