

Special Issue

One Health Insights: From Molecules to Ecosystems

Message from the Guest Editors

The *One Health* paradigm recognizes that human, animal and environmental health are deeply interdependent, an understanding that has reshaped the way science approaches disease, ecosystems and sustainability. This Special Issue seeks to highlight this continuum by featuring research that bridges biomedical discovery, and ecological determinants of health. Cancer, traditionally viewed as a purely human disease, offers a powerful lens through which to explore One Health interconnections. By integrating oncology within the One Health spectrum, this issue expands the concept of cancer research from isolated molecular pathways to the broader web of ecosystemic and societal interactions that shape exposure, susceptibility and outcomes. Contributions span molecular biology, immuno-oncology and environmental toxicology, reflecting a shared commitment to understanding disease not as an isolated event but as a product of interdependent systems. Through this multidisciplinary lens, *“One Health Insights: From Molecules to Ecosystems”* aims to advance a new generation of evidence that connects laboratory science to environmental stewardship and human progress to planetary health.

Guest Editors

Prof. Dr. Leonardo Oliveira Reis

1. UroScience and Department of Surgery (Urology), School of Medical Sciences, University of Campinas, UNICAMP, Campinas, Sao Paulo, Brazil
2. ImmunOncology, Pontifical Catholic University of Campinas, PUC-Campinas, Campinas, Sao Paulo, Brazil
3. INCT-UroGen, National Institute of Science, Technology and Innovation in Genitourinary Cancer, Campinas, Sao Paulo, Brazil

Dr. Lucas Assoni

School of Medical Sciences, University of Campinas, UNICAMP, Campinas, Sao Paulo, Brazil

Deadline for manuscript submissions

30 June 2026



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/257921

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

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





Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).