Special Issue

Experimental Biology, Life Science and One Health: From Basic to Translational Research

Message from the Guest Editor

This Special Issue draws its origins from the celebration of the centenary of the Italian Society of Experimental Biology, founded in Pavia at Camillo Golgi's Institute in 1925 by whom—we can say without fear of contradiction -we can define as the "Gotha" of Italian Medicine and Biology of that time. Scientists who were well aware of the fact that the evolution of research in medicine would pass through the hands and minds of researchers in the biomedical field. The concept of "Experimental Biology" has expanded over the last century, becoming in some ways synonymous with "Life Science" and, in this century, becoming a cornerstone of the modern concept of "One Health", i.e., the way of considering human health closely related to the health of the environment and the animals living in this planet. Many research groups around the world deal with these topics and in this Special Issue, we would like to include the best possible contributions to add an important piece to the panorama of updated knowledge on these themes.

Guest Editor

Prof. Dr. Francesco Cappello

Department of Experimental Biomedicine and Clinical Neuroscience, University of Palermo, via del Vespro 129, 90127 Palermo, Italy

Deadline for manuscript submissions

31 December 2025



Biology

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 5.7 Indexed in PubMed



mdpi.com/si/229482

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

mdpi.com/journal/ biology





Biology

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 5.7 Indexed in PubMed





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 16.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2024).

