Special Issue

Immunosenescence and Its Modification by Interventions

Message from the Guest Editors

Immunosenescence, the age-related decline in immune function, is a critical factor in the increased susceptibility to infections, reduced vaccine efficacy, and the development of age-related diseases in older adults. This Special Issue, "Immunosenescence and Its Modification by Interventions", aims to explore the latest advances in understanding the mechanisms of immunosenescence and the innovative approaches to mitigate its effects. The Issue will cover a range of topics, including the cellular and molecular basis of immunosenescence, its impact on innate and adaptive immunity, and its role in age-related diseases. We will focus on cutting-edge interventions, such as novel vaccination strategies, nutritional interventions, exercise regimens, and emerging pharmacological approaches, which have been designed to modify or reverse the aspects of immunosenescence.

Guest Editors

Dr. Andreas Meryk

Department of Pediatrics, Medical University of Innsbruck, 6020 Innsbruck, Austria

Dr. Luca Pangrazzi

Institute for Biomedical Aging Research, University of Innsbruck, 6020 Innsbruck, Austria

Deadline for manuscript submissions

31 October 2026



Biology

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 7.4 Indexed in PubMed



mdpi.com/si/219781

Biology Editorial Office 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 3.5 CiteScore 7.4 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 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).

