

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

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Deadline for manuscript submissions

31 October 2025



Biology

an Open Access Journal
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Impact Factor 3.6
CiteScore 5.7
Indexed in PubMed



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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.

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