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Message from the Editor-in-Chief

Physiologia draws together researchers from all of the subdisciplines of physiological research with a common aim of enhancing the knowledge on the mechanisms of growth, health, and disease across species. The journal aims to provide rapid peer review and unlimited open access to those interested in topics advancing physiological sciences from both the research and wider communities. We hope that you will support the journal by becoming one of our authors.

Editor-in-Chief
Prof. Dr. Philip J. Atherton

Aims

Physiologia (ISSN 2673-9488) is an international, peer-reviewed open access journal aimed at publishing articles demonstrating conceptual advances across the realms of physiology, from humans, to animals, to plants and cells. With a focus upon integrating molecular, cellular, systems and whole organismal function, the field of physiology has very long been recognised as one which advances our understanding of the constructs of life across all species.

It publishes articles including Research Papers, Reviews, Editorials, Communications, etc. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. The full experimental details must be provided so that the results can be reproduced.

Scope

- Human Physiology: respiration, circulation, the blood system, motor functions, digestion, exercise physiology, pathophysiology, OMICs in Physiology, etc.
- Animal physiology: internal physical and chemical functions of vertebrate and invertebrate animals, including reproduction, disease, and nutrition.
- Plant physiology: plant biochemistry, growth and development, photosynthesis and respiration, transport and translocation, biotic and abiotic stress, etc.
- Cell physiology
- Comparative physiology

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A first decision is provided to authors approximately 22.2 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the first half of 2026)

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July 2026