

Special Issue

Inflammaging: The Immunology of Aging

Message from the Guest Editor

We invite all scientists working on the immunology of age-related conditions or diseases to participate in this Special Issue. Original research articles, reviews, or shorter perspective articles on all aspects related to the immunology of aging and age-related processes are welcome. Articles with insights from a cell and molecular biological perspective are especially welcome. Relevant topics include, but are not limited to: inflammaging and oxidative stress, age-related cardiovascular diseases, role of extracellular vesicle biology in inflammaging, inflammasome regulation in aging and age-related diseases, inflammation and neurodegeneration, inflammation and joint degeneration, inflammaging and the gut microbiome, and inflammaging and cancer.

Keywords: inflammaging; innate immunity; adaptive immunity; inflammasomes; Alzheimer's disease; aging; Parkinson's disease; extracellular vesicles; stroke; macular degeneration; obesity; diabetes; atherosclerosis

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).