

Special Issue

Progress in the Field of Aldehyde Dehydrogenase (ALDH) Researches

Message from the Guest Editors

Research on the role of aldehyde dehydrogenases (ALDHs) is constantly evolving and continues to provide our scientific community with numerous interesting results regarding both their physiological and pathological roles. The clinical importance of the ALDHs is evidenced from human phenotypes directly linked to mutations in ALDH genes, leading to the absence, deficiency or inactivation of ALDH proteins. Multiple disease states are associated with ALDH dysfunction, including many cancers, metabolic diseases and neurological abnormalities. Alterations in ALDHs expression and functioning are at the molecular basis of several pathological conditions. The significant physiological and pathological role of the ALDHs superfamily, stimulating lively and evolving investigational studies, justifies this Special Issue, which is thought of as a forum to bring together a collection of original research articles, reviews, and communications, covering any topics related to this wide and multi-faceted class of enzymes.

Guest Editors

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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).