

Special Issue

Alcohol-Induced Tissue and Organ Damage: Mechanisms and Therapeutic Approaches

Message from the Guest Editor

Alcohol is a psychoactive substance that continues to be widely used in many cultures. Acute or chronic consumption of excessive levels of alcohol contributes to numerous pathological conditions. Chronic abuse of alcohol can result in alcoholic hepatitis and liver cirrhosis, pancreatitis, cardiomyopathy, brain damage, cancer, immune system defects, fetal abnormalities and other conditions. Alcohol and its metabolites alter cellular functions through changes at the levels of nucleic acids, proteins and general metabolism resulting in deleterious tissue remodeling. Emerging evidence indicates that some common mechanisms may underlie alcohol-induced tissue damage including oxidative stress, inflammation and apoptotic pathways.

The aim of this Special Issue of *Cells* is to present the current knowledge of alcohol-induced tissue damage through thorough reviews and primary research articles. Manuscripts broadly focused on the effects of alcohol on diverse systems and the various cellular and molecular mechanisms of this response are invited. Translational studies, including those focused on novel therapeutics, are particularly welcome.

Guest Editor

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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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JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

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).