Special Issue

Cell Adhesion Molecules

Message from the Guest Editor

Cell adhesion molecules are fundamental regulators of the structure and function of most tissues and organs. Their numerous physiological roles have expanded over recent decades to include the regulation of barrier function, polarity, cell-cell and cell-matrix communication, neural transmission, stem cell renewal, cell division and immune function to name but a few. This Special Issue of Cells will advance our understanding of the upstream regulators and downstream targets of cell adhesion molecules, and the cellular mechanisms allowing them act as active drivers of various physiological and pathophysiological processes. Original contributions are welcome from authors actively engaged in the fields of cell–cell adhesion, cell–matrix adhesion and leukocyte adhesion, as well as from authors interested in emerging adhesion-independent signaling events associated with cell adhesion molecules. All models of study and all disease states will be considered, including systems biology approaches that provide new insight into the fundamental regulation of adhesion signaling.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2018)

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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).