

Special Issue

Decoding Cellular Organization Through Spatial Omics

Message from the Guest Editor

The cellular universe is a tapestry of biomolecular interactions, where the spatial arrangement of proteins and lipids is as crucial as their mere presence. This Special Issue, "Decoding Cellular Organization Through Spatial Omics", shines a spotlight on the emerging field that studies the three-dimensional architecture of biomolecules in cells, revealing how their positioning influences cellular functions and responses. This issue aims to provide a comprehensive perspective on spatial proteomics and lipomics, encompassing outstanding research articles with significant relevance to the Special Issue, and extensive review papers that refer to the latest research findings. We seek submissions that explore the spatial distribution of proteins and lipids, their interactions within the cellular context, and the implications for cellular health and disease. Innovative methodologies, bioinformatics tools, and integrative approaches that enhance our understanding of the cellular spatial landscape are particularly welcome.

Guest Editor

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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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