

Special Issue

Advances in Annexin Biology

Message from the Guest Editors

Annexins are a protein family crucial for cell communication, adaptation, and environmental response. Binding cell membranes calcium-dependently, they participate in cellular processes: inflammation, membrane repair, signal transduction, apoptosis, and cancer development/differentiation/progression. Recent interest in annexins has grown due to their biological relevance and advances in high-res imaging, molecular biology, and gene editing. These advances turned annexins from obscure membrane proteins into dynamic regulators of key cellular processes. This understanding opens opportunities to investigate annexins as potential biomarkers/therapeutic targets in diseases with dysregulated expression/affected functions. Notably, they play emerging roles in tumor progression and mediating cancer cell-microenvironment crosstalk (immune/stromal cells, extracellular matrix, soluble factors). Also, they regulate secretion of inflammatory mediators, extracellular vesicles (e.g., exosomes), and immune mechanisms in physiological/pathological systems. Influencing these routes, they help create a microenvironment supporting tumor growth, angiogenesis, and immune suppression.

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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