

Special Issue

Regulation of Cell Division

Message from the Guest Editor

Cell division requires the coordination of chromosome segregation and cytokinesis. Since the discovery of cyclin-dependent kinase (CDK) in yeasts, research on many types of cells has led to insights on how mitosis, cytokinesis, and abscission are regulated. How cells trigger the assembly of the mitotic spindle, prevent anaphase and achieve the correct attachment of chromosomes to microtubules, prevent premature actomyosin ring contraction, and resolve intracellular bridges are essential questions in cell biology that have implications for human health. This Special Issue will focus on the regulation of cell division. Topics will include regulatory pathways, mitotic checkpoints, and the regulation of actomyosin ring assembly, contraction, and abscission.

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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