Special Issue

Mechanotransduction: Understanding the Cellular and Tissue Communication Mechanisms of Mechanical Forces

Message from the Guest Editor

The fields of cell and tissue mechanics have exploded in the last 25 years, and they have now become integral to our understanding of how normal and pathological cells and tissue form and function. Nonetheless, there are many things we still do not understand about how physical information is processed by the cell/tissue to significantly change their behavior. A significant finding was the Yap/Taz circuit, but as with biochemical ligands, physical forces come in many forms and are likely to utilize any number of communication pathways. The objective of this Special Issue is to gather information about the molecules of known or speculative mechanotransduction pathways. Our goal is to accumulate and put together puzzle pieces that may be useful to other researchers in the field.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/219368

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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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