

Special Issue

Mechanisms and Dynamics in Cellular Adhesion in Development and Disease

Message from the Guest Editor

Cell adhesion is a process by which cells interact with each other (cell–cell adhesion) or with the extracellular matrix (ECM adhesion). This process involves specific structures in cells that are built around large and complex protein complexes. The association of these structures with the actin cytoskeleton is essential in their formation and dynamics. The regulation and alteration of cell adhesion affect cellular mechanosensing and mechanotransduction in a cytoskeleton-dependent manner and have been implicated in tissue development/homeostasis, immune activation, and tumourigenesis. For this Special Issue, we welcome original studies and reviews that address the molecular mechanisms involved in the dynamic regulation of cell adhesion.

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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