Special Issue

Cell-to-Cell Crosstalk as a Target of Therapies

Message from the Guest Editors

In a multicellular organism, no cell is an isolated island. In an organ, tissue and the entire body, cells of different types and origins communicate with each other, sometimes over long distances, creating a healthy physiological environment. This complex set of interactions among cells is referred to as cell-to-cell crosstalk. It occurs through various mechanisms (e.g., paracrine signaling, extracellular vesicles, membrane nanotubes, and "classical" physical contacts between neighboring cells) and mediators (e.g., proteins, microRNA, and metabolites). The aim of this Special Issue is to disseminate and summarize the latest developments in our understanding of cell-to-cell crosstalk and its role in pathogenesis, and how our knowledge of this phenomenon can be used to create new therapies. We welcome original and review articles covering any aspects of this topic.

Guest Editors

Dr. Agnieszka Gizak

Department of Molecular Physiology and Neurobiology, University of Wroclaw, ul. Sienkiewicza 21, 50-335 Wroclaw, Poland

Dr. Dominika Drulis-Fajdasz

Department of Molecular Physiology and Neurobiology, University of Wroclaw, Sienkiewicza 21, 50-335 Wroclaw, Poland

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells

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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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny
Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch
Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).