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Adult Stem Cells in Human Disease

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Deadline for manuscript submissions:
closed (25 October 2025)

Message from the Guest Editors

Dear Colleagues,

Dental pulp stem cells (DPSCs) have emerged as a promising tool in disease modeling and regenerative medicine. Found within the dental pulp, these stem cells possess the ability to differentiate into various cell types, including neural, bone, cartilage, and endothelial cells. In addition, these remarkable cells produce a wide variety of factors with beneficial results in the context of immunomodulation, inflammation, angiogenesis, etc. These unique characteristics have captured the attention of researchers and clinicians, as DPSCs offer potential therapeutic applications in a wide range of diseases and disorders.

This Special Issue will explore the use of DPSCs in several diseases and their therapeutic potential. We encourage submissions in the form of original research articles and reviews on all aspects related to the topic. Expert articles shedding light on the following topics are highly welcome: DPSC-based disease modeling, regenerative medicine, and other therapeutic approaches.

Prof. Dr. Esther Wolfs
Dr. Tim Vangansewinkel
Guest Editors



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Special Issue



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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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