

Special Issue

Stem Cells, Disease Mechanisms, and Therapeutic Innovations in Breast and Endometrial Disorders

Message from the Guest Editors

Recent advances have greatly deepened our understanding of the cellular and molecular mechanisms underlying breast and endometrial diseases. The dynamic interplay among stem cells, the tumor microenvironment, and tissue remodeling has revealed novel opportunities for diagnosis and therapy. This Special Issue focuses on recent progress in endometrial stem cell biology, the molecular and cellular basis of breast and endometrial pathologies, and the translational potential of regenerative and bioengineering approaches. We welcome original research, reviews, and communications addressing topics such as:

- Pathogenesis and progression of breast and endometrial cancers;
- Stem cell-based regenerative therapies for gynecological and reproductive disorders;
- Molecular signaling pathways and disease biomarkers;
- Roles of the extracellular matrix and tumor microenvironment in disease development;
- Emerging bioengineering strategies for modeling and treatment.

By integrating basic, translational, and clinical perspectives, this Special Issue aims to advance multidisciplinary dialogue and inspire new directions in diagnostics and therapeutics for breast and endometrial diseases.

Guest Editors

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Deadline for manuscript submissions

30 January 2026



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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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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Rapid Publication:

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).