

Special Issue

Biobanking of Engineered and Natural Tissues

Message from the Guest Editors

There are huge potential markets for research on the diagnostic and transplantation applications of cells, tissues, and organs. A strategic assessment of the field from the Multi-Agency Tissue Engineering Science (MATES) group of federal agencies provided eight critical priorities for the field, three of which relate directly to the need for better preservation methods. Another more recent analysis of strategic directions in tissue engineering also highlighted preservation issues. Anecdotally, we have heard that another more recent MATES review has given preservation methods an even higher priority for regenerative medicine. Biobanking has the potential to save and improve many millions of lives. The last decade has seen tremendous proof-of-principle advances such as the cryopreservation of sheep ovaries, human fingers, as well as the successful storage of mammalian livers at high subzero temperatures. For further reading, please visit the Special Issue website.

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Deadline for manuscript submissions

closed (31 May 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/62373

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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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