

## Special Issue

# Importance of Primary Cell Culture in Biomedical Research

### Message from the Guest Editor

Primary cell culture plays an important role in biomedical research. Changes in culturing conditions can regulate the biological behavior and performance of the cells, which can induce the cells into a more suitable state for use. Common methods include adding many kinds of regulating factors to the culture medium, such as cytokines, drugs, and biological cell products (e.g., extracellular vesicle). In this regard, modifying cells by changing the culture conditions is a promising therapeutic approach to improve the therapeutic effect of stem cells. This Special Issue aims at providing novel insights into the importance of primary cell culture in the context of translational research and biomedical application. We welcome original research and review articles. For further reading, please, visit the [Special Issue website](#). We look forward to receiving your contributions.

### Guest Editor

Prof. Dr. Yunsong Liu

School of Stomatology, Peking University, Beijing, China

### Deadline for manuscript submissions

closed (15 August 2023)



## Cells

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*Cells*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cells@mdpi.com](mailto:cells@mdpi.com)

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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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Dr. Alexander E. Kalyuzhny

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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).