Special Issue

Harnessing the Tumor Microenvironment and Signaling Pathways for Precision Cancer Therapy

Message from the Guest Editors

This Special Issue, entitled "Harnessing the Tumor Microenvironment and Signaling Pathways for Precision Cancer Therapy." aims to explore the intricate dynamics of the tumor microenvironment (TME) and the signaling pathways that drive cancer progression. By focusing on the TME, this Special Issue will delve into how various components, such as immune cells, stromal cells, and the extracellular matrix, interact with cancer cells to influence tumor behavior and response to treatments. Additionally, it will highlight the significance of signaling pathways in tumor development and metastasis, presenting novel insights into their potential as therapeutic targets. This Special Issue will include contributions from leading researchers and clinicians. covering topics such as the role of the TME in immune evasion, the impact of metabolic pathways on tumor growth, and the latest advancements in targeting key signaling molecules for improved therapeutic outcomes. Through a comprehensive examination of these areas, this Special Issue aims to pave the way for more effective and personalized cancer treatment strategies.

Guest Editors

Dr. Behzad M. Toosi

Department of Small Animal Clinical Sciences, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, SK S7N 5B4, Canada

Dr. Andrew Freywald

Laboratory Medicine, Department of Pathology, College of Medicine, University of Saskatchewan, Saskatoon, SK S7N 5E5, Canada

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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).

