Special Issue

New Advances in Proteomics in Cancer

Message from the Guest Editors

Proteomic technologies have rapidly expanded over the past two decades to address the crucial observation: Biology Happens at the Protein Level. In cancer biology, we have seen proteomic approaches play a foundational role in uncovering potential mechanisms of cancer initiation, metastasis, and treatment. These achievements have come through the systematic and extensive high-throughput analysis of protein expression profiles, protein sequences, structures, variants, PTMs, and functional effects. The goal of this Special Issue is to showcase key advances on applying proteomic approaches to the study of cancer, both related to advances in underlying technologies and key biological discoveries. The topics to be included, but not limited to, are proteomic research with a cancer focus involving the development of high-throughput proteomic methods, proteomics-based biological and clinical findings, small molecule and immunotherapeutic target discovery, therapeutic mechanism of action, cancer immunology, advancements in sample preparation techniques, PTM analysis, single cell analysis, etc. We welcome the submission of both original research articles and reviews.

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Deadline for manuscript submissions

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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 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).