

Special Issue

Cell-Penetrating Peptides (CPPs) in Cancer: From Molecular Mechanisms to Applications in Diagnostic and Therapeutic Opportunities

Message from the Guest Editors

Cell-penetrating peptides (CPPs), also known as protein transduction domains (PTDs), are generally short peptides that have been widely studied. Since the first CPP was discovered ~30 years ago, several novel mechanisms and applications of CPPs have been reported. Given that synthetic and natural CPPs can deliver several types of bioactive cargo, including proteins, peptides, DNA/RNA and chemotherapeutic and imaging agents, into cells, CPPs have been used in preclinical and clinical research. It is evident that CPPs have gained significant attention over the last decade, and they have great potential to develop the next-generation approaches to fight against cancer. As such, we welcome original research articles, reviews, and perspectives focusing on recent advances in cancer research with CPPs. Manuscripts describing solely bioinformatics or in silico computational analysis which are not accompanied by biological validation are out-of-scope for this topic. We are looking for contributions which primarily focus on CPPs for various types of cancer, including rare diseases.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)



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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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