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BNCT Drug Development and Preclinical Testing

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Deadline for manuscript
submissions:

closed (15 April 2023)

Message from the Guest Editors

The appearance of hospital-based epithermal neutron sources has made boron neutron capture therapy (BNCT) a dedicated focus of innovative developments in radiation oncology. This binary treatment modality not only needs neutrons but also a carrier transporting B-10 selectively into cancer cells. This has fueled the quest for new compounds for BNCT and resurgence of interest in preclinical testing of these next-generation compounds.

This Special Issue of *Cells* is dedicated to collating results of recent preclinical research related to the development and testing of novel boron-containing therapeutic compounds and publishing a collection of intelligible and clear reviews of the most challenging aspects of drug development for BNCT. You are invited to submit your contributions in the form of original research articles, reviews, or shorter perspective articles.



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Special Issue



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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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