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Spingolipids in Cancer Progression and Therapy

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Message from the Guest Editor

Dear Colleagues,

This Special Issue highlights the role of sphingolipids in cancer progression and therapy. Cancer progression is closely associated with cell death, growth, differentiation, angiogenesis, cell motility, metastasis, and inflammatory responses. In recent years, it has become apparent that sphingolipids such as ceramide, sphingosine, and sphingosine-1-phosphate are involved in cancer progression. Especially, ceramide signaling has been implicated in programmed necrosis (necroptosis), whose study may advance the understanding of cancer cell death and ceramide-based cancer therapy. Uncovering the mechanisms by which different sphingolipids regulate cancer pathobiology may promote the development of novel therapies against cancer.

We invite investigators to contribute original research articles as well as review articles that will stimulate continuing efforts to understand the pathobiology of sphingolipids in cancer and provide valuable mechanistic insights that may translate to therapeutic opportunities. This Special Issue will accept basic research, bioinformatic research, translational research, and (pre) clinical research papers.



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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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