

Special Issue

TNF Family Members in Immunology, Virology and Cancer Therapy

Message from the Guest Editor

TNF family members display pleiotropic functions. While most of them play a critical role in the immune system, like TNF, only a restricted number are naturally involved and necessary to remove unwanted cells infected by viruses or undergoing transformation. Amongst them TNF-Related Apoptosis-Inducing Ligand (TRAIL), whose binding to its cognate agonist receptors, namely TRAIL-R1/DR4 or TRAIL-R2/DR5 triggers cell death in virally-infected or cancer cells. TNF on the other hand is rather associated with pro-inflammatory functions and its ability to trigger cancer cell death is almost inexistent, unless the NF- κ B pathway is shut down. **This special issue aims at gathering the most recent findings on TNF/TNFR superfamily members in immunology, virology and cancer therapy. Original articles and reviews are welcome. For further reading, please visit the [Special Issue website](#).**

Guest Editor

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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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