

## Special Issue

# New Insights Into the Diacylglycerol Signaling Network in Health and Disease

### Message from the Guest Editor

Diacylglycerol (DAG) is a class of neutral lipids with two fatty acid chains attached to a glycerol backbone. It is both an intermediate in various lipid biosynthetic pathways and a critical signaling lipid for a plethora of metabolic and signaling pathways in cells. Since the discovery of the first DAG target PKC four decades ago, our understanding of the complex signaling network of DAG has grown exponentially. We now know that these important DAG-binding proteins are not only key mediators of normal cell functions, but also play essential roles in many pathological conditions and diseases, including cancer, metabolic diseases, neurological disorders, inflammatory conditions, and immune dysregulations.

This Special Issue will present a collection of recent advances and new cutting-edge research on a better understanding of the DAG signaling network and its function in human health and disease. Both original articles and comprehensive reviews within the scope of this topic in this complex evolving field are welcome.

For further information, please visit the Special Issue [website](#).

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### Guest Editor

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### Deadline for manuscript submissions

closed (1 September 2022)



## Cells

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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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