

Special Issue

The Endocannabinoidome: A Pleiotropic Expanded Endocannabinoid System Controlling Cell Function

Message from the Guest Editor

This Special Issue entitled “The Endocannabinoidome: A Pleiotropic Expanded Endocannabinoid System Controlling Cell Function” will include both reviews and experimental studies on the expanded endocannabinoid system, including endocannabinoids as well as their many biochemically, and often functionally, related mediators, and their several molecular targets, encompassing G protein-coupled receptors, ligand-activated membrane channels, and nuclear receptors. Previously established concepts, as well as emerging ideas, on the molecular and cellular biology of this complex “endocannabinoidome”, which are emblematic of its pleiotropic involvement in most physiological and pathological aspects of mammalian cell life, will be described by the authors. Special emphasis will be laid on endocannabinoid and endocannabinoidome function and dysfunction in: energy metabolism, the communication between the host cell and the gut microbiota, inflammation, and cancer.

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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