Topical Collection

Rejuvenating, Geroprotective and Cytoprotective Activities of Natural and Synthetic Compounds: Proofs of Concept, Associated Mechanisms and Applications

Message from the Collection Editors

Societal changes lead to more and more interest in natural or synthetic molecules in order to consider healthy aging. In this context, it is becoming increasingly interesting to identify molecules that are capable of either promoting rejuvenation, preventing aging, or protecting against exogenous or endogenous cytotoxic compounds. The identification of such molecules is made possible through various studies on humans, animals or cells. It is important to know the possible target genes of these molecules and the relevant signaling pathways to lead to applications that improve human health. In this context, the proposed articles will refer to molecules evaluated in humans, animals or cellular models with rejuvenating, geroprotective or cytoprotective effects.
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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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