Special Issue

Proteostasis in Aging and Disease

Message from the Guest Editor

The role of proteostasis is continuously gaining increased recognition as an important factor contributing to human aging and disease, particularly to neurodegeneration. The capacity of cells to maintain proteostasis suffers from a decay upon aging, causing the vulnerability of an organism to the intrinsic and extrinsic stressors and resulting in pathology. In many neurodegenerative diseases where aging poses a major risk factor, such as Alzheimer's, Huntington's, and Parkinson's diseases, disturbed proteostasis is evident. In this Special Issue, we aim to summarize the current knowledge of this important field and to give the possibility of sharing novel data on the multiple aspects of proteostasis in aging and disease. We invite experts to contribute with research papers and critical reviews on the current state-of-the-art, including but not limited to proteostatic pathways for adaptation to cellular stress, protein misfolding, and clearance in diseases, and emerging therapeutic approaches for intervention in diseases of proteostasis.

Guest Editor

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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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