Special Issue

Microautophagy: The Least Known of the Autophagy Strategies

Message from the Guest Editor

Canonical “Autophagy” refers to an evolutionarily conserved process through which cellular contents, such as damaged organelles and protein aggregates, are delivered to lysosomes for degradation. Autophagy is a highly conserved eukaryotic cellular recycling process. Different types of autophagy have been classified based on how they deliver cargo to lysosomes. At present, the prevailing categories of autophagy in mammalian cells are macroautophagy, microautophagy and chaperone-mediated autophagy. The molecular mechanisms and biological functions of macroautophagy and chaperone-mediated autophagy have been extensively studied, but microautophagy has received much less attention. The aim of this Special Issue is to provide an overview of the main signalling pathways and molecules involved in the process of microautophagy, highlighting their connection with macroautophagy and the generated interest regarding the more recent discovery of their therapeutic use.

Guest Editor

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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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