Special Issue

Pharmacological Modulation of Autophagy

Message from the Guest Editor

Autophagy, a cell defensive mechanism, enables cells to recycle and utilize damaged organelles or/and degraded macromolecules so that cells can adapt themselves to harsh conditions such as cellular stress or insufficient nutrients. Therefore, general speaking, autophagy is a cell survival strategy against different stressors. Increasing evidence has demonstrated that autophagy plays a crucial role in both physiological and pathological conditions. Dysregulation of autophagy contributes to a wide variety of human diseases from cardiovascular disorders to cancers. A number of molecules, agents or protocols have been developed to target or modulate the autophagy, which either promotes or inhibits this survival process to facilitate the treatment. This Special Issue will welcome original articles related to targeting or/and modulating autophagy to benefit the disease treatment.

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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