

Special Issue

Molecular Research of Endocytic and Autophagic Pathways in Diseases

Message from the Guest Editors

Different membrane trafficking pathways such as recycling, lysosomal or autophagic pathways are essential for cellular homeostasis. Therefore, alterations in the regulation of those intracellular trafficking routes have been associated with different pathologies including cancer, neurological disorders and metabolic diseases. Endocytic pathways play a pivotal role, since the endosome is a dynamic organelle, which is involved in the sorting of cargo for recycling, for degradation or even for the biogenesis of extracellular vesicles. This Special Issue of *International Journal of Molecular Sciences* aims to bring together state-of-the-art original research and reviews on the molecular research of autophagic and endocytic pathways in diseases. Topics may include the study of the: i) paradoxical role of autophagy in diseases, ii) interdependency of intracellular trafficking routes, and iii) autophagic or endocytic players as potential biomarkers of disease. Articles on the development of new methodologies to assess the status of these intracellular trafficking pathways will also be considered.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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