

Special Issue

The Role of Autophagy Processes in Human Diseases

Message from the Guest Editors

Autophagy processes regulate the developmental biology and progression of various diseases. In cancer, autophagy plays a diverse role which oncogenic or tumor-suppressive functions in the different stages of cancer progression. Autophagy also coordinates its functions in the balance of metabolic homeostasis and the development of diabetes. Furthermore, autophagy deficiency is associated with the development of Parkinson's disease which is a neurodegenerative disease. In addition, autophagy plays an irreplaceable role in both bacterial and viral infections area. Moreover, accumulating reports demonstrate that autophagy is not only a degradation pathway for components recycling in the cell but also an unconventional secretion process for specific cargo releasing.

In this Special Issue, we welcome original research articles, reviews, and short communications that focus on the field of autophagy research and aim to explore the molecular regulation of autophagy in physiology and pathology. We are hoping that this special issue could shed some light on the molecular research of autophagy in various human diseases.

Guest Editors

Dr. Shan-Ying Wu
Dr. Ying-Ray Lee
Dr. Lan Sheng-Hui

Deadline for manuscript submissions

closed (20 December 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/108710

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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