



Molecular Research on Autophagy

Guest Editor:

Prof. Dr. Maria Ines Vaccaro

National Council for Scientific
and Technical Research, Center
for Medical Education and
Clinical Research University
Institute, University of Buenos
Aires, Buenos Aires C1180,
Argentina

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Message from the Guest Editor

The autophagic machinery can be involved in many processes, such as the unconventional secretion including extracellular vesicles, the mechanism related to vesicle trafficking such as phagocytosis, and the regulation of inflammatory signaling such as the formation and clearance of inflammasome. Although a core group of evolutionarily conserved AuTophagy-related proteins is involved in autophagosome biogenesis, an increasing number of new autophagy-related proteins are being characterized in certain physiological and pathological situations or in specific selective or secretory autophagic processes. Furthermore, posttranscriptional as well as post translational modification of ATG molecules are emerging regulatory mechanisms in physiological and pathological roles of autophagy.

In this Special Issue of IJMS, the focus will be on molecular research in autophagy. Suitable topics include, but are not limited to molecular processes involved in the multiple roles of autophagy in physiological and pathological situations. Furthermore, the clinical and pharmacological applications of the research in molecular pathways related to autophagy are welcome for this Special Issue of IJMS.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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