

Special Issue

Clearance, Degradation and Transport of Protein Aggregates

Message from the Guest Editor

Protein aggregation results from stress, aging, environmental insults, or mutations and is a challenge for all cells and all organisms. It can take many forms, from amorphous aggregates to highly structured amyloid fibrils. Protein misfolding and aggregation are often cytotoxic and can lead to a wide variety of diseases, although functional protein assemblies have been described. Cells use a wide range of defense mechanisms to cope with protein aggregation, such as molecular chaperones, proteolysis by proteasomes or lysosomes, formation of protein inclusions, and export via extracellular vesicles. For this Special Issue, we welcome original research and mini-review articles covering the mechanistic, physiological, and pathological aspects of protein aggregation. Articles discussing methodological approaches to and issues with the investigation of protein aggregation in test tubes or living cells and organisms are also encouraged.

Guest Editor

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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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