Special Issue

Amyloid Hetero-Aggregation: 2nd Edition

Message from the Guest Editor

This Special Issue will address the molecular and cellular mechanisms of amyloid hetero-aggregation, deposition, and toxicity of various proteins–human, bacterial, and viral. Amyloid formation is a widespread phenomenon due to in the generic property of polypeptide chains that self-assemble into cross-□-sheet superstructures and are manifested in numerous amyloid-related diseases, as well as in functional amyloids. Recently, the comorbidity of amyloid diseases was also shown to be linked to the co-aggregation of different amyloidogenic proteins. Since amyloids formed by individual polypeptides are highly polymorphic, their co-aggregates add up to the complexity and heterogeneity of the amyloid mixture. Despite the key clinical importance of amyloid formation, the mechanisms of co-aggregation of different amyloid species remain elusive. There is an unmet need to understand the architecture and mechanisms of self-assembly leading to the formation of hetero-aggregates composed of various amyloid polypeptides. Your research and review articles on this subject are very welcome in this issue.

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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