

Special Issue

Pathological and Functional Amyloid Fibrils

Message from the Guest Editors

Amyloid fibrils were first discovered in the tissue of patients suffering from neurodegenerative diseases. It turned out that not all amyloid fibrils are harmful. Many amyloid fibrils are non-toxic and have important functions. The formation of amyloid fibrils can disrupt various technological processes, and at the same time, the unique strength properties of amyloid fibrils are increasingly used in the development of new technologies.

The aim of this Special Issue on “Pathological and Functional amyloid fibrils” is to collect, under one cover, the most important modern ideas about the mechanism of formation, structure, stability, prone-to-plaque formation, and other important features of a wide range of amyloid fibrils. Perhaps this will shed light on the fundamental differences and similarities of pathological and non-pathological amyloid fibrils. Experimental papers, up-to-date review articles, and commentaries are all welcomed. In addition, the Special Issue will provide a forum to exchange views and discuss the prospects of studying amyloid fibrils in the next few years.

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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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