Special Issue

Genetic and Metabolic Molecular Research of Lysosomal Storage Disease

Message from the Guest Editor

Lysosomal storage diseases (LSD) is a group of inherited metabolic disorders in which defects of various lysosomal enzymes and regulatory proteins result in accumulation of different macromolecules in these orgnella. There are over 50 LSD described in the literature, and they are among the most intensively studied genetic disorders. Review articles on all these aspects are also welcome. It is, threrfore, expected that this special issue should provide a comprehensive view on molecular aspects of various LSD. Although pathophysiology, mechanism and terapeutic strategies of lysosomal storage diseases were topics covered by another special issue of IJMS, this issue is devoted to present research on molecular aspects of these diseases. The editors consider that this group of diseases is a forefront of genetic and metabolic disorders which are studied on molecular level, and our understanding of molecular mechanisms, molecular pharmacology and clinical aspects on molecular level are crucial for further research in this field, as well as for opening new ways of thinking about other, currently less understood, diseases.

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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