Special Issue

Lysosomal Storage Disorders: Novel Concepts, Therapeutic Aspects and Beyond

Message from the Guest Editor

Lysosomal storage disorders (LSDs) are a heterogeneous group of rare monogenic diseases that are characterized by aberrant lysosomes with storage material. These diseases frequently manifest as severe defects of the central nervous system, mental retardation and reduced life span. Most LSDs result from a deficiency of a single enzyme, whereas others are caused by mutations in non-enzymatic proteins. In the past couple of years, our knowledge about the pathogenesis and the molecular details of the genes involved has substantially increased. These findings have forced us to rethink some old central dogmas about these diseases and revealed novel aspects about the pathomechanisms. Importantly, novel therapy options have become available, or are under development, for some LSDs that were previously considered fatal. In this Special Issue, We encourage the submission of review articles and original research papers of any length. For detailed information, you can refer to http://www.mdpi.com/journal/ijms/special_issues/lsd_nctab2016.

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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