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Lysosomal Storage Disorders

Guest Editor:

Prof. Dr. Ritva Tikkanen

Institute of Biochemistry, Medical Faculty, Justus-Liebig University of Giessen, Friedrichstrasse 24, D-35392 Giessen, Germany

Deadline for manuscript submissions:

closed (1 February 2021)

Message from the Guest Editor

Dear Colleagues,

Lysosomal storage disorders (LSDs) are rare monogenic diseases characterized by aberrant lysosomes with storage material. The molecular mechanisms and cellular pathology of these diseases have been subject to intensive research for decades, but no therapy options for many of these diseases are available.

The purpose of this Special Issue is to summarize our current understanding about the disease pathogenesis and molecular mechanisms of LSDs, and to explore therapeutic strategies that could be used in LSDs. We also welcome manuscripts addressing the involvement of various cellular pathways such as autophagy, neuroinflammation, endosomal dysfunction, and signaling in the pathogenesis of LSDs. Novel concepts such as the common features of LSDs and other neurodegenerative diseases such as Alzheimer's or Parkinson's are also a subject of this Special Issue. We encourage the submission of review articles and original research papers of any length. Our aim is to provide a comprehensive update on LSDs, their pathomechanisms, and therapy options.

Prof. Dr. Ritva Tikkanen

Guest Editor



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Special Issue



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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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