

LYSOSOMES AND LYSOSOMAL DISEASES

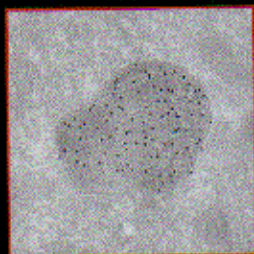
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Over the past two decades research in lysosome biology and its role in human disease has undergone a renaissance and many new functions have been ascribed to this acidic organelle. These include regulated exocytosis, plasma membrane repair and nutrient sensing. This timely edition of *Methods in Cell Biology* serves as a key practical resource for those embarking on lysosome research for the first time or those in the field wanting to study different aspects of lysosome function/disease. The volume details practical experimental protocols to guide researchers through the analysis of multiple aspects of lysosome biology and function. In addition, it details protocols relevant to clinical monitoring of patients with lysosomal diseases.

KEY FEATURES

- Contributions from leading experts in this specialized field of research
- An overview of lysosomes and lysosomal diseases spanning basic science and clinical applications
- The volume contains a unique and state of the art set of methods

Cover image: Immunoelectronmicrograph of an lysosome-enriched subcellular fraction from rat liver. Immunogold (15nm) labelling of cathepsin L. Nick Bright.

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