

Endoplasmic reticulum stress in health and disease

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20417396&lokasi=lokal>

Abstrak

This book primarily focuses on the pathophysiology of ER stress. It introduces the molecular bases of ER stress, the emerging relevance of the ER-mitochondria cross-talk, the signaling pathways engaged and cellular responses to ER stress, including the adaptive Unfolded Protein Response (UPR), autophagy as well as cell death. Next the book addresses the role of ER stress in physiology and in the etiology of relevant pathological conditions, like carcinogenesis and inflammation, neurodegeneration and metabolic disease. The last chapter describes how ER stress pathways can be targeted for therapeutic benefit. Altogether, this book will provide the reader with an exhaustive view of ER stress biology and the latest insights in the role of ER stress in relevant human diseases.