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Nota di contenuto	Forward -- Introduction -- 1 A General Description of HSPs, The Molecular Structure of HSP70, The HSP70 Cycle -- 2 HSP70 Functions In Normal Cells -- 3 HSP70 IN A Damaged Cells -- 4 Mechanisms Of Activation And Inactivation Of HSP70 Synthesis -- 5 HSP70 In The Immune Responses -- 6 HSP70 in Carcinogenesis -- 7 HSP70 In Aging -- 8 The Role Of HSP70 in Protection of (a) The Brain In Alzheimer's Disease, and (b) The Heart -- Index.
Sommario/riassunto	The book is dedicated to the topical area of biology and medicine and the role of stress proteins HSP70 in the regulation of intracellular protein homeostasis, signaling transduction and cell protection. The book is divided into chapters, which describe the discovery of HSP70 and its molecular structure, the mechanism of the synthesis and function in normal and damaged cells, examine the role of HSP70 in immunity, cancerogenesis, aging, Alzheimer's disease and cardiosurgery. In this book, the author looks at HSP70 as a factor which prevents the transformation of homeostasis mechanisms of intracellular proteins into a link in the pathogenesis of a disease.