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Altri autori (Persone)	CiechanoverAaron J MasucciMaria G
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Introduction

Sommario/riassunto

Ubiquitin-proteasome-dependent proteolysis is central to an incredible multitude of processes in all eukaryotes, including the cell cycle, cell growth and differentiation, embryogenesis, apoptosis, signal transduction, DNA repair, regulation of transcription and DNA replication, transmembrane transport, endocytosis, stress responses, antigen presentation and other aspects of the immune response, the functions of the nervous system including circadian rhythms, axon guidance and acquisition of memory. This book tells the story of the ubiquitin system as we currently know it: from the regulatio