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Nota di contenuto	Introduction: The Unfolded Protein Response -- Endoplasmic Reticulum Stress Signaling During Development -- Regulation of the Unfolded Protein Response and its Roles in Tumorigenesis and Cancer Therapy -- ATF4, Hypoxia and Treatment Resistance in Cancer -- Role of Protein Translation in the Unfolded Protein Response -- Roles of Spliced and Unspliced XBP1 in Breast Cancer -- The Unfolded Protein Response in Triple-Negative Breast Cancer -- The Unfolded Protein Response as an Integrator of Response to Endocrine Therapy in Estrogen Receptor Positive Breast Cancer -- Outside the Endoplasmic Reticulum: Non-Canonical GRP78 Signaling -- Autophagy and the Unfolded Protein Response in Neurodegenerative Diseases -- Index.
Sommario/riassunto	This volume presents state-of-the-art information on each of the arms of the unfolded protein response (UPR), how their activation/repression are regulated, integrated, and coordinated, how UPR components affect cancer cell biology and responsiveness to therapeutic interventions, and how UPR components/activities offer potentially novel targets for drug discovery, repurposing, and development. The volume will provide the most recent information on the signaling and regulation of the UPR, explore examples of how the UPR and/or specific components contribute to cancer biology, and identify and explore specific examples of potentially new actionable targets for drug discovery and development from within the UPR and its regulation. Unique to the

volume will be a specific focus on the UPR and its role in cancer biology, as well as a discussion of the role of the UPR in drug responses and resistance in cancer.
