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Titolo	Cancer as a metabolic disease : on the origin, management, and prevention of cancer // Thomas N. Seyfried
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2012
ISBN	1-280-59219-2 9786613622020 1-118-31030-6 1-118-31031-4 1-118-31029-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (472 p.)
Disciplina	616.99/40654
Soggetti	Cancer Cancer - Prevention Cancer - Diagnosis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Images of cancer -- Confusion surrounds the origin of cancer -- Cancer models -- Energetics of normal cells and cancer cells -- Respiratory dysfunction in cancer cells -- The Warburg dispute -- Is respiration normal in most cancer cells? -- Is mitochondrial glutamine fermentation the missing link in the metabolic theory of cancer? -- Genes, respiration, viruses, and cancer -- Respiratory injury, the retrograde response, and the origin of cancer -- Mitochondria: the ultimate tumor suppressor -- Linking abnormalities in growth control, telomerase activity, apoptosis, and angiogenesis to mitochondrial dysfunction -- Metastasis -- Mitochondrial respiratory dysfunction and the extrachromosomal origin of cancer -- Nothing in cancer biology makes sense except in the light of evolution -- Cancer treatment strategies -- Metabolic management of cancer -- Implementation of metabolic therapies for cancer management -- Cancer prevention -- Case studies and personal experiences in using the ketogenic diet for cancer management.
Sommario/riassunto	The book addresses controversies related to the origins of cancer and

provides solutions to cancer management and prevention. It expands upon Otto Warburg's well-known theory that all cancer is a disease of energy metabolism. However, Warburg did not link his theory to the "hallmarks of cancer" and thus his theory was discredited. This book aims to provide evidence, through case studies, that cancer is primarily a metabolic disease requiring metabolic solutions for its management and prevention. Support for this position is derived from critical assessment of current cancer theories.
