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Sommario/riassunto

Extensive research on nutrigenomics has unveiled numerous epigenetic mechanisms that are influenced by our dietary signature. This book illustrates how nutrition can influence epigenetic inheritance and the mechanisms that underlie modification of the metabolic imprint of an individual. The text discusses the basics of nutrigenomics and epigenetic regulation, types of nutrition influencing genetic imprinting, and the role of nutrition in modulating an individual's predisposition to disease. It also covers epigenetic variation, genomic imprinting, maternal nutrition, neonatal nutrition, as well as epigenetics and nutrition relating to cancer, heart disease, and obesity--Provided by publisher.