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Sommario/riassunto

The Molecular Nutrition of Fats presents the nutritional and molecular aspects of fats by assessing their dietary components, their structural and metabolic effects on the cell, and their role in health and disease. Subject areas include molecular mechanisms, membranes, polymorphisms, SNPs, genomic wide analysis, genotypes, gene expression, genetic modifications and other aspects. The book is divided into three sections, providing information on the general and introductory aspects, the molecular biology of the cell, and the genetic machinery and its function. Topics discussed include lipid-related molecules, dietary lipids and lipid metabolism, high fat diets, choline, cholesterol, membranes, trans-and saturated fatty acids, and lipid rafts. Other sections provide comprehensive discussions on G protein-coupled receptors, micro RNA, transcriptomics, transcriptional factors, cholesterol, triacylglycerols, beta-oxidation, cholesteryl ester transfer, beta-oxidation, lysosomes, lipid droplets, insulin mTOR signaling and ligands, and more. Summarizes molecular nutrition in health as related to fats. Discusses the impact of fats on cancer, heart disease, dementia, and respiratory and intestinal disease. Includes preclinical, clinical and population studies. Covers the genome, the whole body and whole communitiesIncludes key facts, a mini dictionary of terms and summary points.

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Documentation-driven style; 3.6.4 Quality-driven style
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6.8.4 Human-Computer Interface (HCI) criteria

Sommario/riassunto

Domain Architectures is a comprehensive catalog of the domain architectures essential to software developers using object-oriented technology and UML to solve real-life problems. Providing a unique top-down view of systems, the book also provides quick access to landmarks and references to domain architectures. The ability to describe applications, in terms of the properties they share, offers software designers a vast new landscape for implementing software reuse. The ideal professional's handbook.Helps readers reduce trial and error and increase productivity by reusing tried a