

1. Record Nr.	UNINA9910557800303321
Autore	Pallottini Valentina
Titolo	Emerging Role of Lipids in Metabolism and Disease
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 electronic resource (308 p.)
Soggetti	Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Even though initially considered as a passive means for storing energy, lipids are now regarded as multifaceted molecules with crucial structural and functional activities. For instance, some of them play essential roles as key components of cell membranes whereas others act as signaling molecules in the regulation of cell homeostasis. In recent years, lipid research has attracted increasing interest because of the involvement of this class of compounds in human health. Indeed, a plethora of pathological conditions are characterized by alterations in lipid metabolism, such as cardiovascular diseases and brain disorders. This Special Issue is a collection of papers from different experts in lipid research, with the aim of providing new insights into the physiopathological involvement of lipids and their impact on human health. This collection also demonstrates the usefulness of interdisciplinary approaches in the development of novel methods to study and manipulate lipid metabolism, which may represent an attractive target for designing effective therapeutic strategies to counteract numerous pathologies.</p>