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Sommario/riassunto

This volume covers the emerging area of science, Clinical Lipidomics, which is the application of lipidology to the understanding of physiological and pathophysiological changes of lipidomes, with a special focus on lipidomic profiles in human diseases. Lipidomics is widely used to map lipid molecular species in a biological system. Clinical lipidomic analysis has demonstrated the comprehensive characterization of molecular lipids in various severities, durations, and therapies as a critical tool in identification and validation of disease-specific biomarkers. This volume on Clinical Lipidomics will add to the literature and help advance the knowledge of the pathogenesis, diagnosis, prevention and treatment of diseases. .