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Nota di contenuto	1. Introductory Chapter: Peroxisome-Virus Interaction from SARS-CoV-2 Perspective. 2. The Mystery of Peroxisomes. 3. Apoptosis-Related Diseases and Peroxisomes. 4. Association of Peroxisomes, Reactive Oxygen Species (ROS) and Antioxidants: Insights from Preclinical and Clinical Evaluations. 5. Peroxisomal Modulation as Therapeutic Alternative for Tackling Multiple Cancers. 6. Effect of GW9662 and T0070907 Antagonist of PPAR γ and Their Coadministration Pairwise with Obestatin on Lipid Profile of DIO-C57BL/6 Mice. 7. Computational Methods for the Study of Peroxisomes in Health and Disease.
Sommario/riassunto	Peroxisomes are cell organelles that have functions for the provision of homeostasis and sustainable cellular health. They are indispensable for lipid metabolism and free radical detoxification. A disruption in the peroxisomal pathway can cause irreparable problems or death for the organism. This book provides a comprehensive overview of peroxisomes, including their role in cell health and diseases such as cancer.