

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910647203903321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Titolo                  | Non-alcoholic Fatty Liver Disease : New Insight and Glance Into Disease Pathogenesis // edited by Ju-Seop Kang                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | London : , : IntechOpen, , 2023<br>©2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Descrizione fisica      | 1 online resource (ix, 156 pages) : illustrations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Disciplina              | 616.362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Soggetti                | Fatty liver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nota di contenuto       | Preface -- Section 1 Basic Concept and Molecular Aspect in the Development of NAFLD/NASH -- Chapter 1 Non-Alcoholic Fatty Liver Disease: Pathogenesis and the Significance of High-Density Lipoprotein as a Molecular Modifier by Ibrahim Kalle Kwaifa, Abdullahi S. Mainasara, Muhammad Lawal Jidda, Amrina Mohammad Amin, Garba Abdullahi, Faruku Ladan and Maryam Danyaro -- Chapter 2 Hepatic Lipid Homeostasis in NAFLD by Shuo Zhang, Bing Ji, Changqing Yang and Li Yang -- Chapter 3 Transcriptional Regulation by ERR and Its Role in NAFLD Pathogenesis by Brittney Hua, Ielyzaveta Slarve, Aditi A. Datta, Chenxi Xu, Chien-yu Chen and Bangyan L. Stiles -- Section 2 Therapeutic Aspect Including Iron Metabolism and Heparinase in NAFLD -- Chapter 4 Role of the Enzyme Heparanase in the Development of Fatty Liver by Shadi Hamoud -- Chapter 5 Regulation of Iron Metabolism in NAFLD/NASH by Yuki Hamada and Eiichi Hirano -- Chapter 6 Therapeutic Approach to NAFLD-NASH by Georgios Sfikas and Ioannis Valsamidis. |
| Sommario/riassunto      | Non-alcoholic fatty liver disease (NAFLD) is characterized by hepatic steatosis that develops in the absence of competing for liver disease etiologies such as alcohol consumption, monogenic hereditary conditions, or iatrogenic causes. The pathogenesis of NAFLD is multifactorial and its understanding is still incomplete. Although knowledge of the cellular and molecular mechanisms underlying disease development and progression has grown significantly in recent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

years, the exact contribution of environmental and genetic factors as well as that of extrahepatic and intrahepatic events in determining the disease phenotype remains ill dened. This book discusses topics highly correlated with NAFLD such as the regulation of iron metabolism, the role of the enzyme heparanase in liver steatosis, transcriptional regulation by ERR and its role in pathogenesis, hepatic lipid homeostasis, therapeutic approaches to NAFLD, and pathogenesis and significance of HDL as a molecular modifier in NAFLD.

---