



International Journal of
Molecular Sciences

IMPACT
FACTOR
4.9

Indexed in:
PubMed

CITESCORE
8.1

Special Issue Reprint

Emerging Role of Lipids in Metabolism and Disease

www.mdpi.com/books/reprint/3565

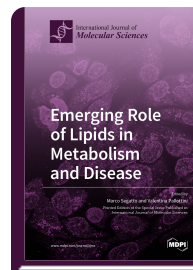
Edited by

Valentina Pallottini

Marco Segatto

ISBN 978-3-03943-701-6 (Hardback)

ISBN 978-3-03943-702-3 (PDF)



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.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/3565

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.