



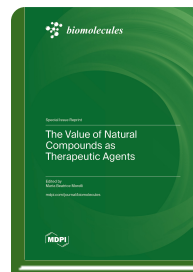
*Special Issue Reprint*

## **The Value of Natural Compounds as Therapeutic Agents**

[www.mdpi.com/books/reprint/12001](http://www.mdpi.com/books/reprint/12001)

Edited by  
Maria Beatrice Morelli

ISBN 978-3-7258-5195-9 (Hardback)  
ISBN 978-3-7258-5196-6 (PDF)



This Reprint focuses on the biological activity and therapeutic potential of naturally occurring substances. Natural products, either as single compounds or as complex extracts, have been used for centuries for medicinal purposes and are now regaining attention as valuable sources for innovative therapies. The articles collected in this Reprint examine how natural compounds influence fundamental cellular processes, including proliferation, apoptosis, autophagy, senescence, differentiation, migration, and invasion. Special attention is also given to the role of soluble mediators and to the modulation of the tumor and inflammatory microenvironment. By bringing together original research and comprehensive reviews, this Reprint provides an updated overview of the molecular mechanisms through which plant-derived products and their derivatives exert beneficial effects. It highlights both experimental and translational perspectives, aiming to stimulate further research into the development of natural compounds as preventive or therapeutic agents. This Reprint is intended for scientists, clinicians, and graduate students interested in pharmacology, oncology, immunology, and natural product research.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/12001](http://www.mdpi.com/books/reprint/12001)

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.