

molecules

IMPACT
FACTOR
4.6

Indexed in:
PubMed

CITESCORE
6.7

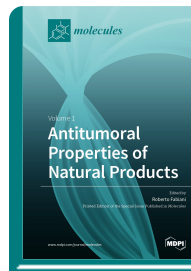
Special Issue Reprint

Antitumoral Properties of Natural Products

www.mdpi.com/books/reprint/2881

Edited by
Roberto Fabiani

ISBN 978-3-03943-098-7 (Hardback)
ISBN 978-3-03943-099-4 (PDF)



Cancer is one of the major causes of death worldwide. It is a multifactorial heterogeneous disease characterized by the transformation of normal cells into malignant cells, which acquire an uncontrolled growth, immortality, invasiveness, and ability to form distant metastasis. Natural bioactive molecules may interfere with these processes and inhibit the carcinogenesis process. In this book, new molecules and extracts, mainly derived from plants, have been described as being able to alter tumor cell behavior and target several abnormal molecular pathways in cancer cells. Among different cancer cells, the more studied include those derived from glioblastoma, osteosarcoma, lung, breast and gastric cancer. These natural products could be an attractive source for the development of new preventative and therapeutic agents against cancer. They may be more selective and have weaker adverse effects compared to conventional chemotherapy drugs that are actually used for cancer treatment. Clinical trials are necessary to demonstrate whether the *in vitro* and *in vivo* animal data are reproduced in humans before the application of natural products in cancer prevention and treatment.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/2881

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.