

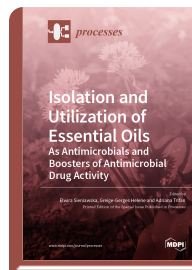
*Special Issue Reprint*

## **Isolation and Utilization of Essential Oils: As Antimicrobials and Boosters of Antimicrobial Drug Activity**

[www.mdpi.com/books/reprint/5515](http://www.mdpi.com/books/reprint/5515)

Edited by  
Elwira Sieniawska  
Greige-Gerges Helene  
Adriana Trifan

ISBN 978-3-0365-3999-7 (Hardback)  
ISBN 978-3-0365-4000-9 (PDF)



The main focus of this thematic collection is on the antimicrobial activity of essential oils and their combinations with conventional antimicrobial drugs, including the eradication of the existing biofilms, the explanation of the mechanisms underlying antimicrobial activity, and the preparation of stable formulations with essential oils, which boost their antimicrobial activity and provide greater stability. These issues are addressed in four research papers and three reviews, which present novel advances in the development and application of essential oils as antimicrobial agents via combinatorial and nano-based approaches.

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.