

*marine drugs*

IMPACT  
FACTOR  
5.4

Indexed in:  
PubMed

CITESCORE  
9.6

*Special Issue Reprint*

## **Novel Applications and Technologies for the Industrial Exploitation of Algal Derived Marine Bioactives as Nutraceuticals or Pharmaceuticals**

Edited By:

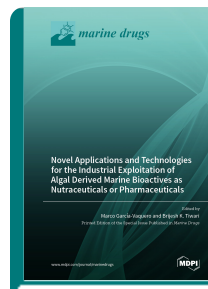
Marco García-Vaquero

Brijesh K. Tiwari

[mdpi.com/books/pdfview/book/7031](http://mdpi.com/books/pdfview/book/7031)

ISBN 978-3-0365-7008-2 (hardback)

ISBN 978-3-0365-7009-9 (PDF)



The active molecules or bioactives (i.e., polysaccharides, fatty acids, proteins, polyphenols, diterpenes, steroids and alkaloids) from algae (seaweed and microalgae) have been widely studied in recent years for multiple pharmaceutical and nutraceutical applications. Innovative and emerging technologies, including but not limited to ultrasounds, microwaves, electric fields, high-pressure supercritical fluids, ionic fluids and plasma, are currently being explored throughout multiple stages of the pre-treatment, extraction, isolation/purification and preservation of biomolecules from algae. This Special Issue will target research papers, reviews, short communications and perspectives on the use of novel technologies for the pre-treatment, extraction, isolation-purification, characterization and preservation of marine compounds from algae. It will particularly focus on novel research related to algal bioactives with clear and demonstrated industrial applications and focuses.



Order Your Print Copy

Print copies (170x244mm, Pbk) can be ordered at:

[www.mdpi.com/books/pdfview/book/7031](http://www.mdpi.com/books/pdfview/book/7031)

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.