



*molecules*

IMPACT  
FACTOR  
**4.6**

Indexed in:  
**PubMed**

CITESCORE  
**6.7**

*Special Issue Reprint*

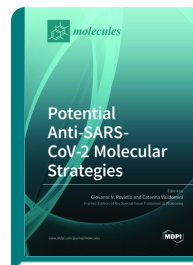
## Potential Anti-SARS-CoV-2 Molecular Strategies

[www.mdpi.com/books/reprint/6951](http://www.mdpi.com/books/reprint/6951)

Edited by

Giovanni N. Roviello

Caterina Vicidomini



ISBN 978-3-0365-6963-5 (Hardback)

ISBN 978-3-0365-6962-8 (PDF)

Herein we describe some molecular aspects of the recent anti-COVID-19 research, including some approaches making use of natural remedies, especially from medicinal plants, in silico methods, and different experimental procedures that led to the discovery of novel targets of SARS-CoV-2 and consequently novel potential COVID-19 therapeutics. COVID-19 vaccines also find mention in this book with also a description of some adverse effects reported in some cases. Considering that the different beta coronaviruses present certain conserved biomolecular mechanisms and, thus, some common therapeutic targets, finding effective therapies for a specific member of their family (such as SARS-CoV, SARS-CoV-2, and MERS-CoV) even in a scenario of a reduced impact at the time of the related disease on humankind is still relevant as it could offer or inspire efficacious therapeutic strategies not only in the context of novel pathogenic mutations of the already known beta coronaviruses, but also when future zoonoses caused by other beta coronaviruses will emergence, which is not unlikely to occur in the current world where the interactions between humans and wildlife are made more and more frequent due to the growing loss of intact ecosystems worldwide.



Order Your Print Copy

You can order print copies at

[www.mdpi.com/books/reprint/6951](http://www.mdpi.com/books/reprint/6951)

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.