

*molecules*

IMPACT  
FACTOR  
**4.2**

Indexed in:  
**PubMed**

CITESCORE  
**7.4**

*Special Issue Reprint*

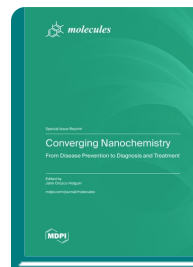
## **Converging Nanochemistry: From Disease Prevention to Diagnosis and Treatment**

[www.mdpi.com/books/reprint/7831](http://www.mdpi.com/books/reprint/7831)

Edited by  
Jahir Orozco Holguín

ISBN 978-3-0365-8651-9 (Hardback)

ISBN 978-3-0365-8650-2 (PDF)



This Special Issue covers recent research in nanochemistry convergence from disease prevention to diagnosis and treatment. It includes studies on new (bio)molecules and hybrids with diagnostic, chemopreventive, or therapeutical properties; novel nanobioengineered biosensors for disease diagnostics; and nanoparticles and nanobioconjugates for targeted drug delivery. The Special Issue collects a benchmark of state-of-the-art works on the computational simulation, structural modeling, and construction of new libraries of molecules to identify potential targets, synthesize molecules, and study their potential in developing diagnostic and therapeutic tools. It illustrates other topics that go from directed evolution techniques to help create mutants of proteins with enhanced activity concerning the native structures to reviews on nanobioprobes using conjugation approaches and biosensors as promising tools for disease detection. The Special Issue also provides examples of drug delivery systems based on biocompatible and biodegradable materials for chemoprevention.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/7831](http://www.mdpi.com/books/reprint/7831)

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.