



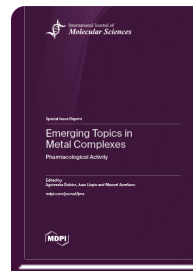
Special Issue Reprint

Emerging Topics in Metal Complexes: Pharmacological Activity

www.mdpi.com/books/reprint/11037

Edited by
Agnieszka Ścibior
Juan Llopis
Manuel Aureliano

ISBN 978-3-7258-4340-4 (Hardback)
ISBN 978-3-7258-4339-8 (PDF)



Due to their pharmacological potential, metal complexes and compounds have been arousing the interest of many research centers worldwide. The structure and properties of many metal coordination compounds make them therapeutically effective. They are used not only in the treatment of some modern-age diseases but also in clinical diagnostics. Currently, metal complexes and compounds (such as polyoxometalates) are prominent players in medicine and medicinal chemistry.

Despite the progress in the knowledge of the pharmacological activity of certain metals and their complexes, further studies are still needed, as the mechanisms of action of the potential drugs containing metal ions are not sufficiently recognized yet. Moreover, the side effects of the use of metal coordination compounds in the treatment of some diseases (mainly cancer) and resistance to treatment are a serious problem in modern medicine. Therefore, there is a constant search for new therapeutics based on metal complexes that would ensure better treatment results and contribute to a significant slowdown in the progression of diseases. The therapeutic targets, bioavailability, and pharmacokinetics of metal-containing compounds have to be clarified in detail with reference to metal-based drugs, which may guarantee potential clinical success.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/11037

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.