



Natural Product Derivatives as Promising Source for the Discovery of New Drugs for Threats to Global Health

Guest Editors:

Dr. Agata Kabała-Dzik

Department of Pathology,
Faculty of Pharmaceutical
Sciences in Sosnowiec, Medical
University of Silesia in Katowice,
ul. Ostrogórska 30, 41-200
Sosnowiec, Poland

Dr. Robert Wojtyczka

Department of Microbiology and
Virology, Faculty of
Pharmaceutical Sciences in
Sosnowiec, Medical University of
Silesia, ul. Jagiellońska 4, 41-200
Sosnowiec, Poland

Dr. Anna Kleczka

Department of Pathology,
Faculty of Pharmaceutical
Sciences in Sosnowiec, Medical
University of Silesia in Katowice,
41-200 Sosnowiec, Poland

Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

WHO identifies diseases and pathogens that have the potential to cause a public health emergency. Recently, the coronavirus disease 2019 (COVID-19) became a global pandemic caused by the Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2). To date, there have been more than 21 million reported cases of COVID-19.

There are increasing numbers of publications reporting the effect of natural products and traditional medicine approaches in therapy and prevention of the aforementioned global health threats.

The use of natural products and their derivatives is being reported in an increasing number of publications because of the safety profile of these promising sources – natural agents.

Therefore, this Special Issue of *Chemistry* is dedicated to original research and review articles that cover the latest findings on the use of natural products and their derivatives, as well as new extraction techniques for the recovery of bioactive constituents from plants, fruits, or vegetables (not limited to), in the discovery of new potential drugs for global health threats. Research concerning new cocktail protocols to relieve severe disease cases is also welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Igor Alabugin

Department of Chemistry and
Biochemistry, Florida State
University, Tallahassee, FL 32306,
USA

Message from the Editor-in-Chief

Chemistry is a broad science and in *Chemistry* we hope to showcase the excellence of this fundamental discipline. Open Access publishing allows scientists to publish their research in a way that reaches the widest possible audience. In *Chemistry* we aspire to build a genuinely transdisciplinary culture in which communication of results between scientists active in different areas and between scientists and the broader public highlights the benefits that chemistry can bring to society. We encourage papers on all aspects of chemistry ranging from astrochemistry to zoochemistry, with everything in between. We also very strongly welcome inter- and multidisciplinary papers which expand the subject beyond its present horizons. We also welcome themed issues collecting reviews and state-of-the-art papers in topical areas of chemical science.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [CAPlus / SciFinder](#), and [other databases](#).

Reliable service: rigorous peer review and professional production.

Contact Us

Chemistry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/chemistry
chemistry@mdpi.com
[X@Chemistry_MDPI](#)