







an Open Access Journal by MDPI

# Chromatography: Determination of the Biological Activity of Natural Compounds

Guest Editors:

## Prof. Dr. Claudia Cimpoiu

Faculty of Chemistry and Chemical Engineering, Universitatea Babes-Bolyai din Cluj-Napoca, Cluj Napoca, Romania

### Prof. Dr. Lukasz Komsta

Faculty of Pharmacy, Medical University of Lublin, Jaczewskiego 4, 20-090 Lublin, Poland

Deadline for manuscript submissions:

closed (30 June 2023)

# **Message from the Guest Editors**

Dear Colleagues,

A wide variety of compounds with biological activities that can be used in medicine and in the pharmaceutical, food, and cosmetic industries are found in nature. Therefore, this Special Issue aims to gather the most recent contributions regarding chromatographic bioassays used for analyzing and testing the various biological activities of such compounds. The articles can cover all chromatographic techniques, including chemometrics and DoE approaches. Additionally, the elucidation of the individual molecular bioactivities of the compounds by well-established and advanced bio-chromatographic techniques is welcome.

Prof. Dr. Claudia Cimpoiu Prof. Dr. Lukasz Komsta Guest Editors













an Open Access Journal by MDPI

## **Editor-in-Chief**

## Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

# **Message from the Editor-in-Chief**

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

## **Author Benefits**

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

#### **Contact Us**