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Identification and Characterization of Phenolic Compounds

Guest Editors:

Dr. Hasim Kelebek

Department of Food Technology,
Adana Alparslan Turkes Science
and Technology University, 01250
Adana, Turkey

Dr. Serkan Selli

Department of Food Engineering,
Faculty of Agriculture, Cukurova
University, 1330 Adana, Turkey

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present the most recent research regarding the chemistry, extraction methods, and analytical techniques surrounding polyphenols, along with their biological activities. Studies on novel approaches in the sample preparation, chromatographic separation, and detection of phenolics, including hyphenated techniques, such as LC-ion mobility mass spectrometry and LC-NMR spectroscopy, and research in regard to the characterization of novel structures, reaction mechanisms, and the synthesis of phenolic metabolites are also highly welcome.

We would like to invite researchers to participate in this Special Issue by submitting a contribution in their field of expertise. Studies with multidisciplinary inputs, offering novel methodologies or insights, are particularly welcome.



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Special Issue



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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.

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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