



an Open Access Journal by MDPI

Recent Advances in Analytical Techniques for Food Analysis

Guest Editors:

**Prof. Dr. Aderval Severino
Luna**

Analytical Chemistry
Department, Rio de Janeiro State
University, Rio de Janeiro 20559-
900, Brazil

Dr. Adriano Gomes da Cruz

Department of Foods, Federal
Institute of Education, Science
and Technology of Rio de Janeiro
(IFRJ), Rio de Janeiro 20270-021,
RJ, Brazil

Deadline for manuscript
submissions:

closed (1 November 2022)

Message from the Guest Editors

Scientists are still looking for new or improved methods to determine many compounds in various food samples. The successful separation and then identification compounds contribute to the achievement of many analytical methods. Distinguishing mixture compounds is based on differences in their physicochemical properties, and various techniques are involved (chromatographic, spectroscopic, electroanalytical). The application of modern, advanced, and innovative techniques is playing a fundamental role in this new scenario, increasing overall knowledge in food analysis.

This Special Issue will focus on state-of-the-art analytical techniques used for food analysis. This encompasses sample treatment, the determination of organic compounds and multi-element analysis, and chemometric data analysis.



mdpi.com/si/98207

Special Issue



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 (*Biochemistry and Molecular Biology*) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)