



Development of Analytical Methodologies for Selective Extraction, Separation, Identification, and Purification of Valuable Compounds

Guest Editors:

Dr. João Miguel F. Rocha

Dr. Kristian Pastor

Dr. Nataša Nastić

Prof. Dr. Fatih Ozogul

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Message from the Guest Editors

The main focus of this Special Issue is to describe the development and optimization of novel analytical methodologies for the selective extraction, separation, identification, and purification of high-added value compounds or fractions from virtually any matrix, such as from chemicals, agriculture, and industrial by-products and wastes; microbial metabolites from fermentation processes by yeasts, molds and bacteria; or compounds from algae and microalgae. Any type of high-added value compound, such as chemicals, food, cosmetics, pharmaceuticals, nutraceuticals, bioenergy (e.g., biofuel, bioethanol, biobutanol, biohydrogen), and biofertilizers will be considered. Likewise, the application of any type of analytical methodology, such as separation techniques (TLC, HPLC, GLC), mass spectrometry (GC-MSn, LC-MSn, HRMS, etc.), and spectroscopy (NMR, NIR, FT-IR, FTIR-PAS) as well as genomics, proteomics, transcriptomics, metabolomics, and lipidomics approaches are also welcome.





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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

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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