Special Issue

Metabolic Profiling of Aromatic Compounds

Message from the Guest Editor

Aromatic compounds are a huge family of organic compounds with a highly stable aromatic system that can also include heteroatoms such as oxygen, nitrogen, or sulfur. The variety of sources of aromatic compounds, such as plants, food, or drugs, leads to different metabolic pathways which could be involved in their biotransformation. Despite the different metabolism in plants and animals, the profiling of aromatic compounds is of great interest in both biological systems. Metabolic profiling is a powerful tool in understanding normal or pathological processes in the body. Both targeted and untargeted methods using chromatography–mass spectrometry or nuclear magnetic resonance spectroscopy are widely used to identify potentially relevant molecules which could, for example, characterize specific properties of the source, such as antimicrobial properties of the plants, or indicate pathological processes in humans. The aim of the Special Issue is to accumulate the results of different studies that could reveal the diversity of the properties of aromatic compounds and their role in the metabolic pathways.

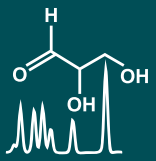
Guest Editor

Dr. Alisa K. Pautova

Laboratory of Human Metabolism in Critical States, Negovsky Research Institute of Gen-eral Reanimatology, Federal Research and Clinical Center of Intensive Care Medicine and Rehabilitology, Moscow 107031, Russia

Deadline for manuscript submissions

closed (14 December 2023)



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Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

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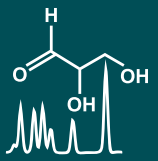

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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