

Metabolomics, Nutrition and Functional Foods

Guest Editors:

Dr. Tahira Fatima

Horticulture and Landscape
Architecture, Purdue University,
West Lafayette, IN 47907, USA

Prof. Dr. Autar Mattoo

Beltsville Agricultural Research
Center-USDA ARS, Beltsville, MD
20705, USA

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Message from the Guest Editors

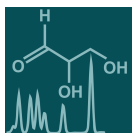
Dear Colleagues,

Metabolites and metabolomics are interconnected. They are directly connected in helping reveal the phenotype. Plant performance and the presence of functional molecules are sensitive to any type of perturbation or stress. Therefore, the application of metabolomics technologies allows a deeper insight into metabolic changes under normal and abnormal conditions, differentiating such changes in genetically engineered/modified/CRISPR-based germplasm, as well as for determining the nutritional quality of produce and other models.

This Special Issue invites original articles and reviews about the aspects mentioned above, as well as aspects of functional foods, technologies used for metabolic analyses, effects on foods via post-harvest treatments, extreme environmental conditions, and metabolite interaction profiles.

Dr. Tahira Fatima
Prof. Dr. Autar Mattoo
Guest Editors





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Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergy and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

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.

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Contact Us

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

Tel: +41 61 683 77 34
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