Special Issue

Pharmacometabolomics

Message from the Guest Editor

Pharmacometabolomics or pharmacometabonomics, subsets of the greater metabolomics field, is the study of how differences in metabolites in an individual or subset of the population can be used to predict their varied responses to a drug or medical intervention. Metabolomics profiles obtained prior, during or after a drug or medical intervention can provide predictive, prognostic, and pharmacodynamic response biomarkers to a drug or medical intervention. This Special Issue is devoted to the applications of pharmacometabolomics. Topics covered by this Special Issue will include (not exclusively): metabolomics from nonclinical or clinical drug studies, pharmacometabolomics studies that can differentiate gender or racial differences in a drug response, precision medicine studies that combine pharmacometabolomics with pharmacogenomics data, and pharmacometabolomics studies that include pharmacokinetics and pharmacodynamics information.

Guest Editor

Dr. Richard Beger

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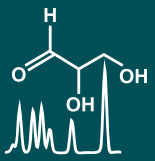
Deadline for manuscript submissions

closed (15 December 2019)



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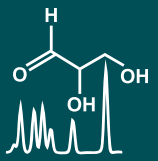

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About the Journal

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
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