Special Issue

Newborn Metabolomic Profile

Message from the Guest Editors

Metabolomics is considered today the key for personalized medicine, as it is able to correlate biochemical changes with a determined phenotype and obtain real information about the state of health of a subject at that precise moment. The results of the metabolomics study on newborns can allow an early recognition of potentially pathological changes. It is important to classify and be able to recognize early all risk factors that can alter the metabolism of newborns. The early recognition of risk factors can allow for the development of new methods of diagnosis, follow-up, and treatments. Maternal nutrition, the mother's health, the course of pregnancy, breastfeeding, birth assistance, or genetic, metabolic, or acquired disorders can alter the metabolism of the newborn. The metabolomics study can allow for the identification of newborn pathologies and the personalization of newborn care. We want to explore every possible application that the study of metabolomics can have on the health of the newborn.

Guest Editors

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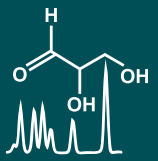

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About the Journal

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

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