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Genetic Metabolic Diagnostics

Guest Editors:

Dr. J.J.M. (Judith) Jans
Center for Molecular Medicine, University Medical Center Utrecht, Utrecht, The Netherlands

Prof. Dr. N.M. (Nanda) Verhoeven-Duif
Center for Molecular Medicine, University Medical Center Utrecht, Utrecht, The Netherlands

Deadline for manuscript submissions:
closed (31 August 2019)

Message from the Guest Editors

With unprecedented pace, the number of known inborn errors of metabolism (IEM) is expanding. Whole-exome sequencing and whole-genome sequencing are swiftly finding their way into diagnostic practice. Similarly, the possibilities offered by recent technical improvements in metabolic diagnostics are enormous. These improvements include, amongst others, the implementation of untargeted metabolomics in metabolic diagnostics and the integration of the various -omics methodologies. These developments have led to the discovery of novel IEM and to faster and better diagnostics.

This Special Issue is devoted to the most recent advances in genetic metabolic diagnostics, and is now open for submissions. Topics that will be covered by this Special Issue include, but are not limited to: developments in novel metabolic diagnostic methods, the identification of metabolites with clinical relevance for patients with IEM, -omics data integration, and novel pathophysiological insights into IEM. Manuscripts including reviews dealing with other challenging issues with respect to genetic metabolic diagnostics will also be considered. We are looking forward to receiving your submissions.

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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 Allergology 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
www.mdpi.com

mdpi.com/journal/metabolites
metabolites@mdpi.com
𝕏@MetabolitesMDPI