



Metabolic Profile of Vasculitis and Arterial Hypertension

Guest Editor:

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Message from the Guest Editor

Vascular damage is a highly prevalent in the general population. The metabolic pathway is worthy of interest for vascular disease. Changes in lipid profile may influence the inflammatory system, enhancing its role in vascular damage. Associated metabolic, inflammatory, coagulation, and blood pressure disturbances are often described in vasculitis, but also in arterial hypertension. Vasculitis is the paradigm of vascular inflammation. However, recent evidence also showed the role of inflammation and immune-mediated cytokine release in arterial hypertension. Shear stress, high blood pressure variability, vascular resistances, and vascular stiffness are all part of the same world where lipids and inflammation are the main actors in vascular damage.

We are seeking basic, clinical, and multi-disciplinary research that will aid the knowledge base of this topic and helpfully characterize the mechanisms underlying the relationship between metabolic profile, inflammation or atherosclerosis processes in vasculitis and arterial hypertension.





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Editor-in-Chief

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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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