



## Metabolic Syndrome and Cardiovascular Disease

Guest Editor:

**Dr. Konstantinos Tsarouhas**

Department of Cardiology,  
University Hospital of Larissa,  
Mezourlo, 41110 Larissa, Greece

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### Message from the Guest Editor

The plethora of mechanisms and modes of action implicated in the cardiovascular complications of metabolic syndrome are not yet fully elucidated, and remain incompletely understood. A causal relationship between insulin resistance and other metabolic risk factors is less certain. The prothrombotic state induced by abdominal obesity promotes the development of atherosclerosis or participates in the development of acute atherosclerotic CVD events. Perhaps the most attractive candidate for enhanced atherogenicity associated with coagulation and fibrinolytic abnormalities is endothelial dysfunction.

In this Special Issue, we intend to highlight current knowledge regarding the pathophysiologic consequences of the metabolic syndrome on cardiovascular function and disease, including considerations of potential physiologic and molecular mechanisms that may contribute to these adverse outcomes. In addition, interventions to minimize the adverse effects of metabolic syndrome risk factors on the cardiovascular system will also be discussed.

Dr. Konstantinos Tsarouhas

*Guest Editor*





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1. Novant Health Cancer  
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*Journal of Personalized Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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