Special Issue

Metabolic Disorders in Chronic Obstructive Pulmonary Disease and Atherosclerosis

Message from the Guest Editors

A growing amount of evidence suggests an immune and metabolic axis that links COPD and atherosclerosis in their comorbid development and courses. Lipid metabolism is part of this axis, and its disorders are one of the most important links in the complex chain of processes underlying the pathogenesis of both COPD and atherosclerosis. Indeed, the lungs have a unique lipid biology, disturbances of which can be caused by smoking. The development of the lipid theory of atherogenesis has expanded the understanding of the role of lipids from a simple morphological substrate of atherosclerotic deposits to a participant of many immune processes, the disorders of which are part of the pathogenesis of atherosclerosis. It should be noted that the keys to understanding many links in the pathogenesis of both the isolated and comorbid course of COPD and atherosclerosis are still largely unknown to clinicians and researchers. Thus, this Special Issue focuses on original research and thorough reviews of recent advances in the metabolic and immune mechanisms underlying COPD and atherosclerosis

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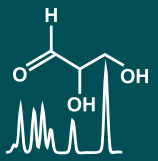

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Message from the Editor-in-Chief

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.

Editor-in-Chief

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