



Molecular Aspects of Inflammation and Lipid Metabolism in Health and Disease

Guest Editors:

**Dr. Vasily Nikolaevich
Sukhorukov**

Petrovsky National Research
Centre of Surgery, 2,
Abrikosovsky Lane, 119991
Moscow, Russia

**Prof. Dr. Alexander N.
Orekhov**

1. Laboratory of Angiopathology,
Institute of General Pathology
and Pathophysiology, 8
Baltiiskaya Street, 125315
Moscow, Russia
2. Laboratory of Infection
Pathology and Molecular
Microecology, Institute of Human
Morphology, 3 Tsyurupa Street,
117418 Moscow, Russia

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Message from the Guest Editors

Dear Colleagues,

There is plentiful evidence that disrupted lipid metabolism may cause pro-inflammatory responses in macrophages as well as foam cell formation. In turn, this may lead to the development of atherosclerosis and related cardiovascular diseases. Moreover, it is well-known that chronic inflammation plays an important role in cancer development and the lipid metabolism of metabolic diseases. In recent years, transcriptomic and bioinformatics analysis have come to the fore as ways to reveal the role of specific genes and signaling pathways in the processes of inflammation and lipid metabolism leading to the development of metabolic diseases. First results of such studies have already demonstrated that both inflammation and lipid metabolism are tightly connected via their molecular pathways. Thus, future meticulous molecular studies of intracellular processes with a bioinformatic approach may give novel insights into the role of inflammation and lipid metabolism in related diseases.

We kindly welcome authors to submit original research papers or reviews to contribute to this Special Issue of *International Journal of Molecular Sciences*.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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