



## **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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Department of Physiology,  
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Biomedical Research Center,  
University of Granada, Avda.  
Conocimiento s/n, 18100 Armilla,  
Granada, Spain

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*International Journal of Molecular  
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MDPI, Grosspeteranlage 5  
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