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Health Benefits of Bioactive Natural Constituents — Prevention and Treatment of Cardiovascular Disease

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Message from the Guest Editor

Dear Colleagues,

Preparations exerting both antioxidant and anticoagulant activities based on safe natural substances are continuously sought after for their potentially wide range of health benefits in the prevention and treatment of cardiovascular disorders. Natural bioactive substances with both antioxidative and hypo-cholesterolemic properties have been found to be effective in preventing the formation and/or progression of atherosclerosis. Oxidative stress associated with the presence of an excess of pro-oxidants, including free radicals, can cause the oxidative modification of lipids and proteins in the components of the hemostatic system (blood plasma and platelets) and can increase its reactivity (increased clotting). Such changes in vascular hemostasis contribute to various pathological conditions of the cardiovascular system, such as thrombosis and atherosclerosis.

Dr. Michal Majewski

Guest Editor



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Special Issue



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