Scientifically Proven Odourless Organic Garlic Supplement

Mechanisms of Action

EFFECTS	MECHANISMS
Inhibition of Plaque Formation in the Coronary Artery	Improving vessel function via antioxidant properties and inhibiting scavenger receptor expression, foam cell formation and smooth muscle cell proliferation associated with plaque formation.
Improvement of Endothelial Function in Macro - and Microcirculation	Maintaining blood pressure and blood flow through antioxidant properties. Antioxidant properties include: directly scavenging reactive oxygen species (ROS), modulating NF-kB signal pathway and glutathione redox cycle resulting in enhancing antioxidant enzymes, intracellular antioxidant activity; glutathione, and good nitric oxide (NO) production, and inhibiting the increase in risk factors such as cholesterol and homocysteine.
Modulating Blood Pressure	Maintaining healthy vessel function through antioxidant properties such as protecting endothelial cells from oxidative injury and enhancing good NO production, thus relaxing vessels. Alpha-antagonistic effect.
Boosting HDL	Decreasing LDL cholesterol while increasing HDL serum levels.
Cholesterol Lowering	Inhibiting HMG-CoA reductase (enzyme to form cholesterol). Inhibiting absorption of cholesterol from gastrointestinal tract.
Inhibition of LDL-cholesterol Oxidation	Antioxidant properties such as metal chelating, directly scavenging reactive oxygen species and inhibiting lipid peroxidation.
Inhibition of Platelet Aggregation	Competes with agonists, such as adenosine diphosphate (ADP), collagen etc. which are inducers of platelet aggregation. Metal chelating, suppressing calcium mobilization.
Impact on sickle cells	Antioxidant properties. Reduces Heinz body, which crystallizes red blood cells.
Helps Prevent the Common Cold	Enhances the immune system such as natural killer cells, macrophages, phagocytes, T-Cells, increases antibody production, and lymphocyte functions
Recovery from Cold with General Fatigue (Loss of Energy)	Enhances the immune system. Stimulates various metabolism systems including assorted enzymes