Promising results for the prevention and treatment of cardiovascular disease

Cardiovascular disease (CVD) is a broad term for all diseases that affect the heart or blood vessels. This includes coronary heart disease, heart attack and stroke. According to the World Health Organization, CVDs are the number one cause of death throughout the world. CVDs killed 17.5 million people in 2012; that is 3 in every 10 deaths. Keeping your heart healthy is vital for longevity and quality of life.

“Atherosclerosis is the main underlying cause of heart attack, stroke and peripheral vascular disease. It is a condition in which fat deposits and becomes oxidized along the inner lining of the artery walls. This results in a dangerous build-up of plaque that narrows the arteries, limiting the flow of oxygen-rich blood to organs and other parts of the body.”

Oxidative stress and inflammation are widely recognized as contributing to CVDs caused by atherosclerosis. The recognition of oxidative stress associated problems has led to the enthusiastic use of antioxidants in the treatment and prevention of heart disease. The use of antioxidants such as vitamin C, E and beta-carotene as preventative therapies for CVDs has yielded mixed results. On the other hand, astaxanthin, which is a powerful antioxidant and potent anti-inflammatory, has shown several positive results and is believed to be a promising compound for protecting against atherosclerotic CVDs.
Potential Role of Natural Astaxanthin in Atherosclerosis Prevention

Atherosclerosis takes place over a lifetime, with complications tending to occur later in life. Along with maintaining a healthy lifestyle and reducing behavioural risks that contribute to atherosclerosis, AstaReal® natural astaxanthin can provide extra support for a healthy heart.

AstaReal® – The Most Studied Brand

The AstaReal Group is recognized as an authority in natural astaxanthin science and research. AstaReal’s high quality natural astaxanthin is the most studied form of the nutrient worldwide. The clinical database for AstaReal® includes 60+ clinical trials with more than 1400 participants undergoing treatments lasting from 2 weeks to 6 months.

Superior Product Range

AstaReal AB offers a range of bulk products to fit different formats, allowing for the development of innovative products that add astaxanthin’s unsurpassed antioxidant power. In addition, AstaReal AB has developed a range of finished formulations containing AstaReal® natural astaxanthin, each expertly developed to support a number of health areas.

Benefits of Natural Astaxanthin for Cardiovascular Health:
- Improves blood lipid profile
- Reduces oxidative stress
- Enhances capillary circulation
- Reduces LDL oxidation and decreases plaque formation

References & Selected Publications