

Treatment and prevention of diseases related to oxidative stress

Keywords Treatment and prevention of diseases related to *oxidative stress, metabolic syndrome, vascular disorders, patient compliance, hypertension, nutraceuticals*

BACKGROUND

Oxidative stress via reactive oxygen species (ROS) causes metabolic and vascular disorders including chronic metabolic syndrome, hypertension and type II diabetes.

Challenge: To find alternative and safe prevention and treatment in order to control or reduce deleterious effects of ROS easily harmonized with diet, improve patient compliance and treatment adherence.

The invention relates to increasing the serum level of a relatively small molecule normally present in the cells. This new indication of this natural molecule is useful in the prevention, amelioration or treatment of a condition mediated by oxidative stress, including metabolic syndrome, type II diabetes, hypertension, vascular diseases, heart failure, in humans and mammals. Nutraceuticals or functional foods with a health claim are also available and may be used to supplement known treatment regimes.

Selected Applications: use as a nutraceutical or functional food with a health claim

BRIEF DESCRIPTION



We are seeking for: commercial partners, drug developers, license partners

IP status Patented in Canada, Australia and Europe. The disclosed method and technology is fully owned by the University of Pécs.

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