

Oxidative Stress in Homocysteinemia: The Prevention of the Therapy-Induced Peripheral Neuropathy

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Abstract

Oxidative stress (OS) is an unhealthy condition that results from the imbalance between the production of reactive oxygen species (ROS) and the rate of their elimination through the anti-oxidant defence mechanisms. This condition is a part of the pathogenesis of many disease conditions. In this paper, the development of OS in homocysteinemia is highlighted, where some light is shed on the mechanism of the increased ROS production and the potential protective strategy in the clinical practice.

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Biography

Dr. Mohamed Shehata is a researcher of the University of

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