Special Issue

CoQ10 and Aging and Age-Related Diseases

Message from the Guest Editor

CoQ10 is key as the antioxidant preventing the oxidation of lipids in cell membranes and also in lipoproteins in plasma. This function is essential in many different aspects related with aging and with age-related diseases such as cardiovascular and neurological diseases, kidney dysfunction, muscle wasting, and immunological dysfunction and inflammatory processes, among others. We invite you to submit your latest research findings or a review article to this Special Issue. In this issue, we want to summarize and increase knowledge of the important function of CoQ10 in aging and its relationship with age-related diseases, with an important focus on the antioxidant function of CoQ10 in the prevention of oxidative damage in cell membranes. Its relationship with nutrition, life habits, and health during aging will be another important aspect to be highlighted in this Special Issue. Further, studies of the importance of bioavailability of this molecule in elderly people and/or the induction of its synthesis during aging are very welcome since these aspects are not completely addressed. I look forward to your contribution.

Guest Editor

Dr. Guillermo López Lluch

Department of Physiology, Anatomy and Cell Biology, Andalusian Centre of Developmental Biology, Universidad Pablo de Olavide, 41013 Seville, Spain

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Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

mdpi.com/journal/antioxidants

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About the Journal

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano
Department of Chemical Sciences, University of Naples "Federico II", Via Cintia 4, I-80126 Naples, Italy

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