Special Issue

CoQ10 in Longevity

Message from the Guest Editor

Coenzyme Q (CoQ) is essential in cell metabolism and antioxidant protection in organisms. It has been associated with aging progression. Decrease in the levels of CoQ during aging has been suggested in many models and also in humans. Further, the redox ratio between reduced and oxidized form has been also associated with aging in humans. However, their role in aging and longevity is not completely clear. Being an essential component of aerobic metabolism in all the organisms and being a key component in membrane antioxidant system and in cholesterol oxidation protection, maintenance of CoQ levels can be related with longevity and with the progression of aging-related diseases. In this Special Issue we want to highlight the importance of CoQ in longevity and its role in the progression of aging-related diseases. Contributions including reviews about the importance of this essential factor are welcome.

Guest Editor

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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.

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