

Special Issue

Redox Biology and Cardiovascular Disease

Message from the Guest Editors

As you are all keenly aware, cardiovascular disease remains an important issue worldwide. At the core of the pathobiology in numerous processes ultimately driving poor cardiovascular outcomes is the elevated rates of oxidant generation in the face of diminished capacity for small molecular weight antioxidants and antioxidant enzyme systems. Intimately linked to this interplay between oxidants and antioxidants is inflammation; yet it remains unclear whether oxidant load or inflammation is the seminal driver (the chicken or egg conundrum). Recent advances in our capacity to more specifically identify reactive species and their downstream metabolites, genetic tools and advanced imaging has served to move the field forward and identify novel targets for therapeutic approaches to address numerous cardiovascular disease processes; however, many goals are yet to be accomplished. As such, this Special Issue aims to collect papers which deal with all aspects of redox-related processes involved in the etiology, propagation and resolution of cardiovascular disease.

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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

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