



Redox Balance in Hematologic Diseases

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Message from the Guest Editor

Dear Colleagues,

This Special Issue, “Redox Balance in Hematologic Diseases”, aims to be a forum of redox biology in the area of hematology. Acceptable paper types are novel research articles (short or full communications), methods, and review articles. Several areas are accepted: from chemical or biochemical mechanisms of redox biology (including oxidants and anti-oxidants, superoxide radical and hydrogen peroxide) if these include effects in relevant hematological models, to redox balance of blood, including in white and blood cells, platelets, endothelial cells, hematopoietic stem cells, hematological cell signaling, self-renewal and differentiation, in health and in hematological disorders, such as malignancies (leukemias, lymphomas, myelodysplastic syndrome), hemoglobinopathies or thrombosis.

Dr. Sérgio Paulo Bydlowski
Guest Editor





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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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