

Special Issue

Vitamin C in Cancer: From Mechanistic Insights to Clinical Intervention Trials

Message from the Guest Editor

Robust clinical evidence for the efficacy of high dose vitamin C (ascorbate) for cancer treatment remains elusive. To date, there are no confirmatory randomised controlled clinical trials on high dose ascorbate infusions in patients with cancer, in part due to the fact that there are still numerous outstanding questions. In particular, it is clear that ascorbate treatment is not effective in all patients, but that it modifies numerous vital molecular pathways, and may selectively eradicate cancer cells. This *Antioxidants* Special Issue aims to collect and publish studies aimed at answering some of these remaining questions and to provide an unbiased source of scientific information. We invite original research reports, and will consider reviews, meta-analyses and scientific hypotheses. Submissions of negative or controversial findings from robust scientific studies are also encouraged. We are interested in quantitative, biochemical and molecular analyses of cells in culture, in relevant animal models (knock-out mice, guinea pigs, zebrafish), in clinical samples and from patient studies.

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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