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Radioprotective Effects of Antioxidants

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Deadline for manuscript submissions:

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Message from the Guest Editors

Radiation exposure can cause a range of symptoms in humans, ranging from skin and eye damage to birth defects, infertility and cancer. Both ionizing and non-ionizing radiation can cause this damage and such damage, especially for skin, can range from cancer to cosmetic effects. Examples of topics to be covered include, but are not limited to, the following:

- Antioxidants acting as sunscreens for UV radiation (including commercial products), e.g., photochemical studies of commercial sunscreens (UVA and UVB absorbers) as well as carotenoids or other antioxidants and their UV degradation in normal use.
- Antioxidants as eye protectors, e.g., against blue light damage or preventing cataract.
- Antioxidants as radioprotectors for both medical exposures to ionizing radiation (such as X-rays or during cancer therapy).
- Antioxidants as radioprotectors for the acute effects of high ionizing radiation exposure during accidents.

The aim of this Special Issue, '**Radioprotective Effects of Antioxidants**', is to supply an overview of the current knowledge in this field through the publication of original articles or short communications, as well as reviews.



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Special Issue



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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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