



## Correlation between Nutrition, Oxidative Stress and Disease 3.0

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### Message from the Guest Editors

When the regulation of radical homeostasis in tissues or cells does not function correctly, a situation of stress can come about, due to the increased presence of oxidative radicals. In these cases, “oxidative stress” is often used to indicate an imbalance towards major tissue oxidation, measured by the appearance of oxidized species, including lipids, proteins, DNA, and carbohydrates. A strong relationship exists between nutrition and oxidative stress. Works reveal that the production, transformation, metabolism of free radicals are finely regulated processes.

### Keywords

- nutrition
- oxidative stress
- disease
- antioxidant
- bioactive vegetable molecules
- superoxide dismutase
- catalase
- vegetable food
- polyphenol
- $\alpha$ -mangostin

\*An early bird discount will be available for submission before 31 August 2022.





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