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Special Issue Reprint

Biomarkers of Oxidative and Radical Stress

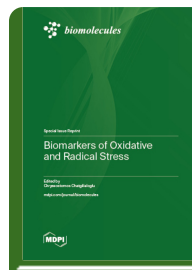
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Oxidative stress and, in particular, biologically relevant free radicals play an important role in redox signaling under physiological conditions. During inflammation, their nanomolar concentrations can increase substantially, with a corresponding increase in damage to biomolecules. Chemistry can have an important role in the search for oxidative stress and related biomarkers, as well as in the search for molecular mechanisms in oxidative stress processes. Furthermore, the modification of biomolecules can be used to identify biomarkers *in vitro* and *in vivo* and for the identification of antioxidant activities. This Special Issue of *Biomolecules*, titled “Biomarkers of Oxidative and Radical Stress”, showcases a remarkable range of research pertaining to these areas. This collection contains papers presenting research on oxidizing DNA, proteins, and lipids, as well as antioxidant protection.



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