



Antioxidants and Biomaterials in Health and Nutrition

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Deadline for manuscript submissions:

closed (31 March 2021)

Message from the Guest Editors

Dietary components have been considered as new agents in biomaterials. In this Special Issue we invite researchers to submit their latest research findings or review articles related to nutrients or dietary components that may be used to produce functionalized biomaterials for wound dressing and health care. In vivo and/or in vitro studies on any of the following topics will be considered: analysis of nutrients with physiologically active compounds possessing antioxidant properties that may increase the production of key constituents of the extracellular matrix (ECM), leading to effectual wound healing; compounds that are appealing in the field of regenerative medicine to support cell migration, proliferation, and growth; nutrients or bioactive natural compounds isolated from plant sources that may display bioactive properties; natural polymers and composites which are both renewable and biodegradable; new biomaterial formulations with biomedical applications (for tissue regeneration and drug delivery); composite fibrous scaffolds containing both synthetic polymers and natural polymers.





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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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