

Special Issue

Antioxidant Materials with Additional Biological Properties

Message from the Guest Editor

This Special Issue will mainly focus on antioxidant materials with additional and improved biological properties. The improved biological properties can overcome certain barriers, such as protection from infections, enabling targetability, creating immune barriers, shielding from enzymatic activity and radical attacks, and so on. The use of antioxidant materials in the innovative application of biomaterials utilizing stimuli-responsive materials, hydrogels, polymeric particles, micro/nanogels, films, fibers, discs, bio-adhesives, artificial organs, etc., is welcome. Papers related to the use of antioxidant materials with improved biological functions in scaffolds for tissue engineering, regenerative medicine, drug delivery, 3D biomaterial fabrication to modify biological processes, and so on are welcome. Finally, the use of antioxidant materials with improved biological function may be useful in the modification of drugs, proteins, metabolites, vaccines, and/or nucleic acids and in drug delivery vehicles with a focus on enhanced biological properties that can overcome the challenges encountered in transforming biomaterials into viable and useful products.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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