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Nanomedicine-Based Strategies for Improving Nutrient Bioavailability and Health Effects

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Message from the Guest Editors

Dear Colleagues,

Over recent years, a number of different nanomedicine-based innovative approaches have been applied to bioactive nutrients and natural products to make them optimal candidates as new potential drugs for the prevention and treatment of a number of diseases (inflammatory, neurodegenerative, neoplastic, cardiovascular diseases, etc.). These innovative strategies have also been generally studied to specifically deliver nutrients to target tissues, to decrease their possible toxicity, either systemic or towards other specific body districts, as well as to reduce the doses required to obtain healthy effects. Combinatory nanomedicine-based strategies have been also used for advanced delivery of nutrients in combination with other nutrients or conventional/ innovative drugs, in an attempt to potentiate their respective activities and increase their preventive/therapeutic effects. In particular, the simultaneous presence of nutrients and already approved antineoplastic therapeutic molecules in this kind of delivery systems appears particularly promising in the field of innovative cancer therapy.

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Guest Editors



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Special Issue



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