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Carotenoids in Human Nutrition

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Message from the Guest Editor

Dear Colleagues,

Carotenoids represent a wide group of molecules mainly constituted by plant pigments. Carotenoids are not considered as “micronutrients” as their essentiality has not been proven in humans yet. However, a growing research has shown that some carotenoids display specific health benefits regarding ocular disease and cancer prevention, and regulate metabolic pathways involved in energy metabolism and embryo development. Unfortunately, the different steps regulating their health benefits, including the optimisation of their amount and their stability in foods, their bioavailability, their metabolism and their mechanisms of action are only partly comprehended to date.

The aim of this Special Issue entitled “Carotenoids and Human Nutrition” is to offer an updated view point of this enthusing and multifaceted research area. We are currently in the process of calling for scientific reviews and original publications until 31 March 2020.

Dr. Emmanuelle Reboul

Guest Editor



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Special Issue



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