



nutrients



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Nutraceutical Supplements in Heart Failure

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Message from the Guest Editor

Heart failure (HF) is a multifactorial disease with a prevalence of 1–2% in the global population. Although preliminary evidence suggests that HF is associated with an increased deficiency of micronutrients and that nutraceuticals supply could be beneficial in treating patients undergoing failing myocardium, limited evidence supporting the benefits of nutraceuticals for patients with HF has been found in recent studies and meta-analyses.

The present Special Issue aims to collect contributions in this field in order to:

Identify a pathophysiological basis for nutraceutical supplementation at the early stages of cardiomyocyte dysfunction;

Optimize the nutraceutical supplementation process based on specific targets of myocardial dysfunction, in both animal models of HF and patients, with ejection fraction either preserved or compromised;

Promote and design clinical trials in order to verify, by means of an approach from “trees to bedside”, the efficacy and safety of nutraceutical supplementation in HF.



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Special Issue



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