

Special Issue

Health Benefits of Plant Sterols

Message from the Guest Editor

Current evidence indicates that food matrices with added plant sterols or stanols can lower serum levels of low-density lipoprotein cholesterol. Interestingly, plant sterols and plant stanols show health benefits beyond the cholesterol lowering effect. Nutritional plant sterols and plant stanols are mainly linked to processes in health but are exceptionally also linked to disease. Currently, plant sterols and plant stanols are applied as food-additives to the diet and as add-on treatment to drugs. Interestingly, different classes of responders to plant sterol-enriched diets are encountered. To cope with the responder effect, personalized treatment regimens are gaining attention. Consequently, novel technical advances are explored to achieve reproducible interlaboratory quantification protocols. Although plant sterols and stanols continue to offer an efficacious and convenient dietary approach to cholesterol management, long-term clinical trials investigating the endpoints of cardiovascular disease are still lacking.

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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