

Special Issue

Thyroid in the Periphery: Diet Supplementation in Health and Disease

Message from the Guest Editors

Alterations of the thyroid state may occur in the form of chronic or transient diseases caused by complex interactions between genetic factors and environmental conditions. Recent evidence has demonstrated an association between low micronutrient status and thyroid diseases, such as Hashimoto's thyroiditis and Graves' disease, among others. Specifically, the importance and the influence of micronutrients is continuously emerging. Indeed, such nutrients have been demonstrated to regulate thyroid and other body functions such as reproduction, autoimmunity, glucose and lipid metabolism, or bone metabolism, directly or indirectly supporting thyroid hormone synthesis and its metabolism in peripheral tissues. Special dietary regimens or inadequate nutrition may produce specific deficiencies as well as toxic effects, which may translate into both disturbed thyroid functions and metabolic diseases. This Special Issue aims to gather up-to-date knowledge about the relation dysthyroidism/altered diet above all in terms of effects on peripheral tissues and metabolism.

Guest Editors

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Message from the Editorial Board

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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