

## Special Issue

# Growth and Reproductive Dysfunction in Metabolic Syndrome: Role of Dietary Intake and Supplement

### Message from the Guest Editors

It is well known that the dietary approach is a key milestone in the treatment of metabolic syndrome, especially in the prevention of cardiovascular consequences and evolution to type 2 diabetes. However, other effects of metabolic dysregulations are less investigated under the profile of the role of diet. Some examples of these include bone metabolism, reproductive questions both in male and females, cognitive impairment, and oncological risk; the entire lifespan, from early childhood to old age, is therefore involved. Growth hormone secretion is profoundly affected by diet; moreover, its metabolic functions are fundamental also in adult age, as suggested by the development of metabolic syndrome in adult growth hormone deficiency. Moreover, the aspect of nutraceuticals and antioxidant supplements, which is more extensively studied, has still no scientific and univocal evidence. Therefore, the aim of this Special Issue is to provide new insights into the abovementioned topics.

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### Guest Editors

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### Deadline for manuscript submissions

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## Nutrients

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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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