

Special Issue

Diet and Fertility Status: Relevance in Health and Disease

Message from the Guest Editor

In our obesogenic world, and with increasing lifespan, the evolutionary strategy has negative effects on overall health and is also impacting fertility, especially in women. In this view, nutrients cannot be merely considered a source of energy, as they exert a bioactive role, by acting on several signaling pathways. On the other hand, increasing evidence suggests that the fertility status of males and females is linked to various diseases and disorders, also in relation to dietary habits.

This Special Issue welcomes original research and reviews of literature concerning the interplay between the fertility status and nutrients under physio-pathological conditions, with a particular focus on:

- Dietary patterns associated with reproductive and overall health;
- Dietary interventions in the prevention and treatment of chronic conditions;
- Mechanisms of action, pathways, and targets at the molecular level;
- Valuable tools and strategies to assess the content or activity of specific nutrients.

Studies using in vitro and in vivo models, clinical studies, and methods are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (9 March 2023)



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About the Journal

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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