

## Special Issue

# Gene–Diet Interactions and Obesity

### Message from the Guest Editor

This Special Issue is dedicated to exploring the intricate relationship between gene–diet interactions and obesity, bringing together cutting-edge research that delves into how genetic variations influence dietary responses and contribute to obesity, a global health challenge.

Obesity is a complex, multifactorial condition influenced by both genetic and environmental factors. Genome-wide association studies (GWAS) have identified numerous genetic variants associated with obesity, influencing various biological pathways, including appetite regulation, energy metabolism, and fat storage. Gene–diet interactions occur when the effects of dietary intake on obesity risk are modified by genetic factors.

Personalized nutrition aims to tailor dietary recommendations by integrating the individual's genetic profile, nutritional status, and lifestyle aspects to provide more effective strategies for weight management and obesity prevention.

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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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