

Special Issue

Gut Microbiota and Obesity

Message from the Guest Editor

Obesity is a complex, multifactorial condition where traditional factors such as diet, physical activity and genetic factors are thought to play a role. A new risk factor, the gut microbiota, has received increased attention given its associations, and in some cases, causal relationship with obesity in both animal and human models. The gut microbiota are responsible for the fermentation of non-digestible fibers, resulting in the production of short chain fatty acids, nutrients which contribute to total energy acquisition, host immunity, and energy metabolism. The gut microbiota are influenced by many external factors including diet, physical activity, stress, and geographic environment. This special issue will highlight recent research on the role of diet, gut microbiota and obesity risk.

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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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