



Obesity, Genes, and Obesity-Related Disorders

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Message from the Guest Editor

Obesity is one of the biggest health issues in today's society. It is well accepted that increased adiposity is associated with metabolic disturbances, the development of low-grade inflammatory processes, hypertension, diabetes, an enhanced risk of coronary heart disease, and certain cancers. In addition to the obvious environmental influences, there is considerable evidence to support the roles of genetic factors and epigenetic mechanisms in different pathways involved in obesity development. Excessive accumulation of adipose tissue drives disturbances in adipocyte metabolism and cross-talk between adipocytes and other cells, resulting in the development of obesity-associated diseases.

For this Special Issue, we seek papers focused on mechanisms associated with the development of obesity and obesity-related diseases, including cell-to cell metabolic cross-talk, as well as cross-talk among the brain, gastrointestinal tract, microbiome, and adipose tissue and the molecular mechanisms underlying these processes. New insights into molecular mechanisms related to changes in eating behaviors leading to obesity are also of importance.





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Message from the Editor-in-Chief

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