## **Special Issue**

## Advances in Obesity Research: Metabolic Pathways and Pathophysiological Factors

## Message from the Guest Editor

Despite significant progress in addressing major public health issues, obesity remains one of the most pressing global health challenges of the modern era. As a complex disorder, obesity is characterized by numerous altered metabolic processes that promote chronic lowgrade inflammation and oxidative stress. Its development involves multiple mechanisms associated with increased risk for various pathological conditions, including insulin resistance, type 2 diabetes, metabolic dysfunction-associated steatotic liver disease, cardiovascular diseases, and cancer. This Special Issue. titled "Advances in Obesity Research: Metabolic Pathways and Pathophysiological Factors", aims to explore the complex molecular mechanisms underlying metabolic dysregulation in obesity and their roles in the onset and progression of common obesity-related diseases. We seek to encourage a comprehensive and integrative approach to obesity research. We welcome original research papers and reviews that offer new insights into altered metabolic pathways, genetic and epigenetic regulation, immunological features, and other molecular factors involved in obesity.

## **Guest Editor**

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## Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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### **Editor-in-Chief**

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