



Biochemical and Genetic Insights in Obesity

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Message from the Guest Editors

Obesity is a primary health problem and a vast economic burden on health care systems worldwide. The global incidence of obesity in children and adults has increased dramatically over the last two decades. Remarkable progress has been made in understanding the molecular and biochemical mechanisms. Genetic factors have also been recognized to play an important role in the pathogenesis of the disease. An increasing number of genes have been reported to be involved in early childhood obesity development, and it has been estimated that, cumulatively, at least 10% of children with severe obesity have rare genetic malformations that strongly drive the carrier's risk of becoming obese.

This Special Issue will discuss obesity from the perspective of it being a rare disorder in which heritable traits can be influenced by the interplay of genetics. It will also present the current knowledge on the clinical and chemical features of the disease and all aspects of its biochemical processes, thus providing new targets for drug design, diagnosis, therapy, and prevention options.

