



## The Brain and Obesity

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### Message from the Guest Editor

Obesity and its associated medical sequelae pose a major challenge for healthcare systems worldwide, especially given that obesity increases the risk of developing severe COVID-19.

Mounting evidence from clinical and preclinical studies has implicated the brain in the pathogenesis of obesity, making it a major target for effective weight loss interventions. Advances in new molecular neuroimaging techniques, investigations on the cross-talk between central and peripheral factors, and novel psychological interventions will continue to richly enhance our understanding of how targeting the brain is fundamental for achieving and maintaining a healthy body weight.

This Special Issue of *Brain Sciences* will provide readers with a comprehensive compilation of up-to-date study findings, innovative concepts, focused reviews, and different perspectives in obesity research. The goal of this Special Issue is to underscore the importance of nutritional, surgical, pharmacological, neuromodulatory, and behavioral investigations in order to define the impact of brain sciences on the development of powerful preventive and therapeutic strategies in human obesity.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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