



Stress-Response Pathways in Obesity and Metabolic Diseases

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The prevalence of obesity is increasing worldwide. Several comorbidities are associated with obesity, such as type 2 diabetes, dyslipidemia, cardiovascular disease, and cancer. The combination of basic and translational research is necessary to further elucidate the mechanisms that contribute to the emergence of the obese phenotype and its metabolic complications at the hypothalamus and at peripheral tissues.

In this Special Issue, we will focus on the stress response pathways occurring during obesity and their relationship with metabolic fluctuations at the cellular, tissue, and organismal level.

Descriptive or mechanistic studies with novel findings related to model organisms or humans, open-ended research utilizing high-throughput screen methods as well as translational studies are welcome. Last but not least, studies on pharmacological interventions with naturally occurring or synthetic compounds that can modulate stress response pathways and affect the outcomes of obesity are also welcome.

Dr. Dionysios Chartoumpekis, Dr. Anthony Bougas, and Dr. Aristeia Psilopanagioti
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Message from the Editor-in-Chief

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