

Special Issue

Hypothalamic-Related Disorders

Message from the Guest Editors

The hypothalamus is not only involved in the regulation of body temperature, blood pressure, heart rate, satiety, hunger, and thirst, but also the tuning of behavior, cognition, sleep, mood, and sex drive. The hypothalamus is an important hub of a network of neural structures regulating fear conditioning/extinction and plays a critical role in the pathophysiology of a variety of mood and cognitive disorders, especially through the HPA axis. This Special Issue aims to present recent findings within this broad field of research, especially in cognitive, behavioral, and neurophysiological disorders related to hypothalamic dysfunction. Based on this, the topics include but are not limited to mood, cognition, behavior, learning and memory, stress, post-traumatic stress disorder, addiction, sleep, biological rhythms, brain development, etc. All research, including original, behavioral, neurobiological, neuroimaging, preclinical, and clinical studies as well as meta-analyses, and systematic or narrative reviews, is welcome to increase the richness of the "Hypothalamic-Related Disorders" Special Issue.

Guest Editors

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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