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## Advanced Research on the Role of Biogenic Amines in Physiological and Pathological Conditions

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Deadline for manuscript submissions:

**31 December 2024**

### Message from the Guest Editors

Biogenic amines are a class of neurotransmitters derived from amino acids that are essential for maintaining homeostasis in both the central nervous system (CNS) and the peripheral nervous system (PNS). In the CNS, these neurotransmitters are pivotal for numerous physiological functions, including cognitive processes like learning and memory, regulating emotional responses, and facilitating signal transmission across synapses, impacting overall brain function. Recent research has highlighted the involvement of biogenic amines in various pathological conditions. Imbalances in biogenic amines are linked to mental health disorders such as depression, anxiety, schizophrenia, and neurodegenerative diseases such as Parkinson's and Alzheimer's disorders. Moreover, emerging studies suggest a role for biogenic amines in the progression of malignant tumors, such as gliomas.

This Special Issue invites original research and reviews on all aspects of biogenic amines in the CNS. We seek contributions that enhance our understanding of their biological effects and explore their potential therapeutic applications.



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# Special Issue



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## Message from the Editor-in-Chief

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