# **Special Issue**

# Pharmacology and Mechanism of Action of Peptides in the Brain

# Message from the Guest Editor

This Special Issue aims to cover recent progress in the pharmacology and brain activity of endogenous and newly synthetized peptide derivatives and peptidomimetics. Brain peptides play crucial roles as neurotransmitters, neuromodulators, and neuroprotective agents. They are involved in a wide range of physiological functions, including pain modulation, stress response, seizure susceptibility, appetite regulation, and the sleep-wake cycle. Their mechanisms of action typically involve receptor binding, whereby peptides exert their effects by binding to specific receptors on the surface of neurons or other cell types. This Special Issue will publish original highquality papers, short commentaries, and comprehensive reviews presenting results and insights related to the pharmacology and mechanisms of action of endogenous and newly synthetized peptide derivatives and peptidomimetics. These reports may come from disciplines ranging from chemistry to neuroscience, characterizing peptide molecules in animal models of neurodegenerative diseases.

## **Guest Editor**

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# Deadline for manuscript submissions

25 August 2025



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mdpi.com/si/218955

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We hope to handle your contribution to *Pharmaceuticals* soon.

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