



# frontiers in **NEUROENDOCRINE SCIENCE**

Frontiers in Neuroendocrine Science is a specialty section of Frontiers in Endocrinology that aims to cover all aspects of novel neuroendocrinology findings, from basic research to clinical applications. Neuroendocrinology is an integrative discipline that encompasses all kinds of interplay between the nervous and endocrine systems, notably 1) the production of hormone-like molecules (biologically active peptides, cytokines, steroids, etc.) by nerve cells; 2) the action of neurotransmitters and neuropeptides on endocrine glands; and 3) the action of hormones on the brain. The physiopathological domains on which neuroendocrine research is currently focusing include stress and the hypothalamo-pituitary adrenal axis, the central

control of puberty and reproduction, the regulation of food consumption and energy homeostasis, the action of hormones on mood and behaviors, the molecular mechanisms of seasonal and circadian rhythms, the novel functions of neuropeptides. Frontiers in Neuroendocrine Science is interested by basic research reports elucidating the functioning of neuroendocrine systems at the molecular, cellular and organismal level, as well as by translational and clinical studies related to neuroendocrine disorders. Frontiers in Neuroendocrine Science also welcomes comparative genomic studies aimed at elucidating the phylogenetic history and functions of neuropeptides and their receptors from nematodes to humans.

**Front. Endocrinology – Soon listed in PubMed Central and Google Scholar.**



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