

Special Issue

Hormonal Regulation of Neurogenesis in Adults

Message from the Guest Editors

Although adult neurogenesis was once thought to occur in only a select few species, research from the past few decades has revealed that new neurons are continually added to the brains of a wide variety of adult vertebrates. Across animal classes such as reptiles, birds, and mammals, the adult neurogenic process is robust, highly regulated, and sensitive to a number of environmental cues. Hormone-induced changes in adult neurogenesis may be adaptive or maladaptive, and effects of individual hormones may vary depending on how much hormone is released, how long hormone exposure occurs, or even what the temporal pattern of hormone exposure is. Uncovering the mechanisms and functions of the hormonal regulation of adult neurogenesis remains an exciting frontier with many unanswered questions. We invite scientists to contribute both research articles and reviews on the topic. Work focusing on traditional laboratory species, as well as other wild or captive species, is welcome. **Keywords:** adult neurogenesis; cell survival; hormone; hippocampus; dentate gyrus; subventricular zone; steroid hormone; peptide hormone

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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