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DESCRIPTION

Brain Research publishes papers reporting interdisciplinary investigations of **nervous system structure** and **function** that are of general interest to the international community of neuroscientists. As is evident from the journal's name, its scope is broad, ranging from cellular and molecular studies through systems neuroscience, cognition and disease. Invited reviews are also published; suggestions for and inquiries about potential reviews are welcomed.

With the appearance of the final issue of the 2011 subscription, Vol. 67/1-2 (24 June 2011), *Brain Research Reviews* has ceased publication as a distinct journal separate from *Brain Research*. Review articles accepted for *Brain Research* are now published in that journal.

N.B. Review articles are by invitation only; inquiries and suggestions for reviews should be directed to the *Brain Research* [Editorial Office](mailto:bres@elsevier.com) (bres@elsevier.com).

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•Cell Biology, Signaling and Synaptic Transmission

Studies investigating the cellular, molecular and genetic bases of structure, function and signaling (both intracellular and intercellular) in nervous systems.

•Development, Degeneration and Regeneration, and Aging

Studies concerning neuronal and glial development and the formation of the nervous system, molecular and cellular aspects of degeneration and regeneration, and changes associated with the aging brain.

•Systems Neuroscience and Behavior

Studies concerning structure and organization of neural circuits, sensory and motor systems, internal regulatory systems and the control of behaviors.

•Cognition and Computation

Studies of the neural mechanisms of cognition and behavior in humans and animal models including basic behaviors and higher mental functions; as well as studies dealing with realistic simulation, analysis and prediction of the structure and functions of nervous systems and individual neuronal and glial elements within nervous systems.

• **Neurobiology of Disease**

Studies whose primary focus is on clinically diseased nervous systems or disease models, including molecular, cellular, systems and behavioral approaches and analysis of therapeutic interventions.

• **Reviews**

Invited reviews on all aspects of nervous system structure and function. The editors welcome suggestions for specific review topics.

AUDIENCE

Neuroscientists, neurophysiologists, neuroendocrinologists, neurochemists, neuroanatomists, neuropharmacologists, neurologists.

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Brain Research publishes papers reporting interdisciplinary investigations of nervous system structure and function that are of general interest to the international community of neuroscientists. As is evident from the journals name, its scope is broad, ranging from cellular and molecular studies through systems neuroscience, cognition and disease. Invited reviews are also published; suggestions for and inquiries about potential reviews are welcomed.

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Studies concerning structure and organization of neural circuits, sensory and motor systems, internal regulatory systems and the control of behaviors.

Reviews

Invited reviews on all aspects of nervous system structure and function. The editors welcome suggestions for specific review topics.

TYPES OF PAPERS

1. **Research Reports** reporting results of original fundamental research in any branch of the brain sciences. Papers describing new methods or significant developments of recognised methods which provide significant insight into the structure or function of the nervous system, the pathophysiology of a disease, or its treatment may also be submitted. Articles should be written in sufficient detail to allow others to verify/replicate the described methods.

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Electronic artwork

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