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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, neuropathologists, neurologists.

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