



Neural Plasticity

Special Issue on
**Brain and Behavior Plasticity: From Fundamental
Science to Health Outcomes**

CALL FOR PAPERS

This special issue of *neural plasticity* focuses on issues relevant to the study of brain-behavior relationships and on the physiological and psychological research bearing on brain plasticity. Topics of potential interest may range from behavioral studies to clinical research to neurorehabilitation studies. In line with the advances in basic and translational research, neurorehabilitative, neuroregenerative, and neurorestorative interventions aiming at helping patients recover from neurologic injuries and at minimizing disabilities resulting from neurologic damage have been put forward. The amount of research on the molecular and neural underpinnings of neurologic diseases is growing. However, converging and translating these discoveries into therapeutic applications and health care interventions remain a major challenge. Bridging the gap of knowledge from basic to applied sciences will facilitate improved understanding of neural plasticity and may provide new insights into clinical interventions.

We invite authors to contribute original research articles and review articles that cover the entire span and the range of neurologic diseases pertinent to the study of brain-behavior relationships and neuroplasticity.

Potential topics include, but are not limited to:

- ▶ Translation of basic research discoveries into clinical practice pertinent to neural plasticity
- ▶ The relationship between brain and behavior in animals or humans with and without neurologic diseases
- ▶ Advances in research into and clinical application of neurobehavioral interventions
- ▶ Basic and applied research in cognitive neurosciences
- ▶ Studies of behavioral, biological, or neuroimaging markers in relation to brain-and-behavior studies

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/np/bbp/>.

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