

Special Issue

Neural Plasticity: Mechanisms and Therapeutic Implications

Message from the Guest Editor

Neuroplasticity is a process that involves adaptive structural and functional changes to the brain. It describes the ability of the nervous system to change its activity in response to intrinsic or extrinsic stimuli by reorganizing its structure, functions, or connections after injuries. This Special Issue aims to delve into the underlying mechanisms of neural plasticity, including the molecular, cellular, and synaptic processes that drive these changes, as well as the therapeutic implications of understanding neural plasticity, such as potential treatments for neurological disorders, neurorehabilitation strategies, and the development of novel interventions to promote health and recovery. We encourage submissions of both original research articles and comprehensive review articles that bridge scientific discoveries with clinical applications.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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