

Special Issue

Synaptic Plasticity in Health and Disease

Message from the Guest Editor

This Special Issue will focus on: (1) the molecular basis of the different forms of synaptic plasticity in the context of the healthy brain, and (2) the plasticity alterations found in brain diseases and disorders, with special interest in the signaling pathways and molecular mechanisms affected. Understanding synaptic plasticity in health and disease could help to identify key targets, as a first step for developing pharmacological treatments aimed to improve learning/memory in individuals affected by those brain disorders/diseases. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to): molecular mechanisms of plasticity, synaptic proteomics in plasticity, proteomics and electrophysiological studies in models of DS, fragile X, Rett syndrome, ASD, AD, PD and other brain disorders/diseases with affected plasticity.

Guest Editor

Dr. María Luz Montesinos

1. Departamento de Fisiología Médica y Biofísica, Instituto de Biomedicina de Sevilla, Universidad de Sevilla, Sevilla, Spain
2. IBIS, Hospital Universitario Virgen del Rocío/CSIC/Universidad de Sevilla, Sevilla, Spain

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Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

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