

Special Issue

Feature Reviews in Neurodegenerative Diseases and Environmental Factors

Message from the Guest Editor

The proportion of world population older than 60 years is steadily increasing according to the World Health Organization (WHO). Aging is considered the greatest risk factor for neurodegeneration, therefore prevalence of neurological disorders is expected to rise. The etiology of most neurodegenerative disorders, such as Alzheimer's and Parkinson's diseases (AD and PD) and amyotrophic lateral sclerosis (ALS), is multifactorial and consists of an interaction between environmental factors and genetic predisposition. It is widely accepted that oxidative stress, impairment of mitochondrial dynamics and function, calcium overload, and balance disruption between apoptosis and autophagy are between the key mechanisms that underlie above mentioned neurodegenerative disorders. The scope of this Special Issue is to focus on recent advances in understanding of these mechanisms at the cellular and molecular level with respect to impacts of environmental factors such as pesticides, air, and water pollution and micro- and nano-plastics. Reviews regarding these topics are welcome.

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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