

Special Issue

Dopamine in Health and Disease (3rd Edition)

Message from the Guest Editor

The neurotransmitter dopamine plays crucial roles within the central nervous system, influencing multiple neural pathways and associated behaviors, such as locomotion, reward mechanisms, neuroendocrine control, and emotion, to name a few. Dysfunction of dopamine systems, including degeneration of dopamine neurons, is associated with numerous diseases. Some of the medications used to treat these diseases act by altering the effects of dopamine. This Special Issue on “Dopamine in Health and Disease (3rd Edition)” will present a selection of original research papers or reviews that address such topics as cellular mechanisms of disease affecting dopaminergic systems, genetic influences on dopamine neuron health and function, animal models of dopamine neuron loss and regeneration, and novel therapeutics for pathologies that involve dopamine neurons.

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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