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Dopamine in Health and Disease 2.0

Guest Editor:

Message from the Guest Editor

Prof. Dr. Marc Ekker Department of Biology, Faculty of

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Deadline for manuscript submissions: closed (31 October 2023) Dear Colleagues,

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 but 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 2.0" 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.

Prof. Dr. Marc Ekker *Guest Editor*









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Message from the Editor-in-Chief

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