# Special Issue

# Photobiomodulation for Parkinson's Disease

## Message from the Guest Editor

Parkinson's disease is a neurological disorder with cardinal signs of resting tremor, akinesia, bradykinesia, lead-pipe rigidity, and postural instability. Two key features of the disease are that there is a rather targeted degeneration of a particular neurotransmitter system (i.e., dopaminergic) and that this degeneration is progressive, with more and more neurones dying over time. The current treatments are effective in treating motor signs, but not, however, in slowing the relentless progression of the degeneration. Recently, photobiomodulation—the use of red to near-infrared light on body tissues—has been reported to slow this neurodegeneration in a range of animal models, from flies to monkeys. There are also some encouraging, early reports that photobiomodulation results in many beneficial outcomes in patients. This Special Issue will explore various aspects of this new and exciting treatment in animal models and in patients, building on the template of findings needed to develop this treatment into a viable therapeutic option for patients.

## Guest Editor

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## Deadline for manuscript submissions

closed (10 February 2020)

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