Special Issue

Advances in Parkinson's Disease and Other Movement Disorders

Message from the Guest Editor

Parkinson's disease and movement disorders in general have garnered greater attention with advances in technology, our use of artificial intelligence and machine learning approaches, and an enhanced understanding of the brain–gut axis. In fact, research suggests that many motoric impairments may be driven by perceptual, sensory, cognitive, and limbic mechanisms that interfere with movement planning Understanding these complexities can ameliorate our approach to some of the most debilitating symptoms associated with Parkinson's disease, often leading to decreased risk of falls and injury, as well as improved independence and quality of life In this Special Issue, we invite you to challenge traditional views of movement disorders as purely motor output issues, and rather consider how multi-faceted approaches and innovative treatments can offer new therapeutic possibilities. We are committed to translating research into practical interventions based on real-world and simulated scenarios. Together we can uncover the hidden mechanisms underlying movement disorders and use this knowledge to improve the quality of life for people living with Parkinson's disease and other movement disorders

Guest Editor

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