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Correlation between Olfactory Function and Other Non-Motor Symptoms in Parkinson's Disease

Guest Editors:

Dr. Carla Masala

Department of Biomedical Sciences, Section of Physiology, University of Cagliari, 09100 Cagliari, Italy

Dr. Paolo Solla

Department of Neurology, University of Sassari, Viale S. Pietro 10, 07100 Sassari, Italy

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Message from the Guest Editors

Parkinson's disease (PD) is a chronic neurodegenerative disorder traditionally characterized by motor symptoms such as bradykinesia, rigidity, and tremor. However, PD is usually associated with non-motor symptoms (NMS) that may include olfactory and gustatory dysfunctions, neuropsychiatric symptoms, cognitive impairment, and sleep and autonomic disorders. These NMSs determine a significant negative impact in PD patient's quality of life and could play a key role in the evaluation of the disease progression and the assessment of patients' quality of life. In particular, the olfactory dysfunction is considered the most common NMS in PD since it is reported in over 96% of patients, often preceding the appearance of clinical motor symptoms.

The aim of this specific topic is to correlate olfactory dysfunction to other NMSs in PD to evaluate the progression of motor and non-motor symptoms and the quality of life in PD patients during the disease progression.



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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

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Brain Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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