Special Issue

Olfactory Function as a Potential Biomarker in Patients with Autism Spectrum Disorder and Parkinson's Disease

Message from the Guest Editors

Olfaction is a chemical sense that plays an important role in human life and regulates events such as food ingestion, emotional responses (e.g., pleasure, anxiety), social and reproductive behaviour. Consequently, subjects with olfactory disorders may present daily problems in personal hygiene, safety, sexual behaviour and, particularly, in food intake. The olfactory function decreases in relation to age. The assessment of olfactory function plays an important role in Autism Spectrum Disorder, considering that the neural correlates underlying odor functions partially overlap with the neural circuits impaired in individuals with Autism Spectrum Disorder. An olfactory deficit is also considered one of the major non-motor symptoms in Parkinson's Disease and has been well known since the last century. It usually precedes the appearance of clinical motor symptoms and is reported in over 96% of patients. The mechanisms underlying olfactory impairment in Autism Spectrum Disorder and in Parkinson's Disease are still not clearly known.

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

Deadline for manuscript submissions

closed (15 May 2020)



Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



mdpi.com/si/21192

Brain Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 brainsci@mdpi.com

mdpi.com/journal/ brainsci





Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



brainsci



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.