brain sciences

IMPACT FACTOR 3.3

Indexed in: PubMed

CITESCORE 3.9

an Open Access Journal by MDPI

The Functional Neuroanatomy of Spatial Cognition and Neurorehabilitation in Neglect Syndrome

Guest Editors:

Dr. Arnaud Saj
Department of Psychology, Montréal University, CRIR Institut Nazareth Louis-Braille, Longueuil, QC, Canada

Dr. Roberta Ronchi
1. Department of Neuroscience, Geneva University, 1205 Geneva, Switzerland
2. Neuropsychology unit, University Hospital of Geneva, 1205 Geneva, Switzerland

Deadline for manuscript submissions:
closed (15 March 2022)

Message from the Guest Editors

Since the early publication of the first evidence that brain-damaged patients can present with spatial lateralized deficits, the knowledge of the so-called spatial neglect, hemi-neglect or unilateral spatial neglect, and its mechanisms had largely advanced, especially with the contribution of recent brain imaging methods. These techniques, in particular functional MRI, diffusion MRI, and transcranial and intracerebral magnetic stimulation, in association with the voxel- and network-based lesion symptom mapping methods, have refined our understanding of the anatomoclinical relationship between brain regions and different features of spatial cognition, but also of its associated disorders such as anosognosia.

The aim of this Special issue is to give an overview on the neuroanatomical correlates of visuospatial attention and spatial neglect in brain-damaged patients, taking also into account the development of new emerging technologies and methods, such as virtual reality and brain–computer interfaces with their potential to boost the positive and long-term effects of neurorehabilitation.

brain sciences

IMPACT FACTOR 3.3 | Indexed in: PubMed | CITESCORE 3.9

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, CAPlus / SciFinder, and other databases.
Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2023).

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
𝕏@BrainSci_MDPI