

Special Issue

Visual Attention-Related Processing: Perspectives from Ageing, Cognitive Decline and Dementia

Message from the Guest Editors

Visual attention is a multi-component process. In a clinical capacity, MCI and dementia are typically characterised by performance on neuropsychological tests, which are reliant on static measures of executive function. However, these methods are likely to underestimate the impact of pathological change on behavior. Although executive function is commonly examined in such clinical populations, it represents only the integrity of high-level processing. Accordingly, examining the integrity of attention, in its multiple forms, will improve our understanding of a given disease process, help to explain its behavioral effects, and ultimately explain its impact upon everyday life. Using a range of methodological approaches, from cognitive test performance to neuroimaging and brain stimulation, the aim of this Special Issue is to provide an overview of evidence illustrating the integrity of a wide-range of visual attention-related processes. These investigations will target the process of healthy ageing, as compared to the prodromal stages of clinical deficits (SCD, MCI), and various aetiologies of dementia.

Guest Editors

Prof. Dr. Andrea Tales

College of Human and Health Sciences, Swansea University, Swansea, UK

Dr. Claire Hanley

College of Human and Health Sciences, Swansea University, Swansea, UK

Deadline for manuscript submissions

closed (30 June 2020)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/31004

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

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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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