

Special Issue

Neurodiagnostics in Public Health: Cognitive Decline, Mental Health, and Emerging Technologies

Message from the Guest Editors

Neurocognitive disorders such as dementia, mild cognitive impairment (MCI), and neuropsychiatric diseases are increasing globally and impose a substantial burden on healthcare systems and public health policy. Their detection in the earliest stages and precise diagnosis are important for early intervention and better patient outcomes.

This Special Issue covers the interface between neurodiagnostics, public health, and cognitive neuroscience with a focus on new diagnostic approaches, psychological testing, and influences of environmental and epidemiological factors on cognitive capacity. Developments in biomarkers, artificial intelligence, digital diagnosis, and public health interventions provide encouraging avenues for early detection and intervention.

We invite original studies, systematic reviews, and clinical case studies examining novel diagnostic strategies that harness the strengths of neuropsychology, cognitive neuroscience, and public health frameworks.

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