

Special Issue

Novel Approaches to Memory and Aging

Message from the Guest Editors

Recent demographic patterns show an increasing global shift towards an aging population. There is a pressing need to understand how aging affects cognition, especially memory since the ability to learn new information and retrieve learned information is essential for successful aging. Modifications in memory abilities significantly affect the quality of life in older adults, research is currently directed toward furthering the understanding of the brain and behavior linked to these changes. The natural aging process does not negatively affect all types of memory, aging can be characterized as a period of memory gains and losses since some abilities stay the same, some get better, others decline, highlighting important paradoxes regarding age-related memory performance. The main goal of this Special Issue is to present novel approaches for the purpose of furthering our understanding of the mechanisms and processes underlying age-related memory changes by drawing upon diverse methodologies, including cross-cultural comparisons, experimental designs, longitudinal designs, and neuroimaging assessment, on different aspects of age-related memory performance.

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