Special Issue

Heterogeneity in Cognitive Aging: From Healthy Aging to Neurodegenerative Disease

Message from the Guest Editors

Human cognitive aging is characterized by considerable heterogeneity across individuals. While some maintain cognitive resilience well into their late adulthood, others experience age-related cognitive decline due to complex interactions between genetic, environmental, and lifestyle factors. This Special Issue invites original research articles, reviews, and perspectives that explore the multifaceted nature of cognitive aging through the lens of biomarker assessments (e.g., neuroimaging, CSF, blood-based), novel experimental paradigms, digital assessments, and other aspects of within- or between-individual variability in affective, social, behavioral, or clinical measures. We particularly encourage submissions that advance our understanding of diverse aging trajectories and inform therapeutic interventions aimed at promoting healthy cognitive aging and mitigating neurodegenerative disease risk through a variety of methods, including neuromodulation, neurofeedback, cognitive training, or disease-modifying therapies.

Guest Editors

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Deadline for manuscript submissions

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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.

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