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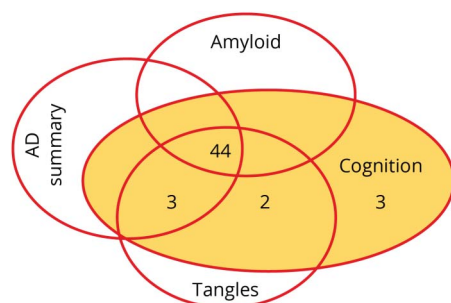


Notable in *Neurology* This Week

This issue features an article that investigates the association of loneliness with dementia risk; another compares the efficacy and safety of bridging therapy with thrombolytics to that of mechanical thrombectomy alone for patients with anterior circulation large vessel occlusion stroke. A featured Contemporary Issues in Practice, Education, & Research article discusses the need to update the Uniform Determination of Death Act to specify legal criteria that align with current medical standards.

Research Articles

Cortical Proteins and Individual Differences in Cognitive Resilience in Older Adults



Researchers identified and aggregated expression levels of 52 proteins associated with cortical resilience in 1,192 older adults and studied its association with cognitive and motor decline. A higher index was associated with slower clinical decline and lower burden of Alzheimer disease (AD) pathologies and modified the association of AD pathology with cognition.

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From editorialists McDade and Ibanez: "Through research work like this, we may be moving closer to bridging the gap of brain to behavior..."

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Associations of Stages of Objective Memory Impairment With Amyloid PET and Structural MRI: The A4 Study

Using the Free and Cued Selective Reminding Test (FCSRT) and structural MRI, this study examined elderly adults both with and without memory impairment. Higher stages of memory impairment were associated with higher amyloid imaging burden and widespread hippocampal and temporal lobe atrophy.

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Biological and Social Determinants of Hypertension Severity Before vs After Intracerebral Hemorrhage

In this single-center longitudinal study, researchers found that blood pressure control after an episode of intracranial hemorrhage is influenced by the level of hypertension control before the hemorrhage and by community-level socioeconomic factors. Social factors currently overlooked in the clinical evaluation of patients with intracerebral hemorrhage are important to achieve adequate blood pressure control.

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Continued

Cross-sectional, Neuromuscular Phenotyping Study of Patients With Arhinia With *SMCHD1* Variants

Researchers identified patients with arhinia who met the full genetic and epigenetic criteria for facioscapulohumeral dystrophy type 2 (FSHD2) but who did not manifest with this muscular dystrophy. Genetic or epigenetic factors leading to arhinia may be protective against FSHD and may be used to mitigate the severity of the disease or delay its onset.

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NB: “Translocator Protein 18 kDa PET Imaging Highlights Asymptomatic Isolated Cerebellar Dysplasia,” p. 538. To check out other *NeuroImages*, point your browser to [Neurology.org/N](https://www.neurology.org/N). At the end of the issue, check out the Resident & Fellow Section Clinical Reasoning article discussing a patient with clinical features of anti-KLHL11 encephalitis without active neoplasia. This week also includes a Humanities in Neurology piece titled “A Consideration for Our Daily Work.”

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Spotlight on the March 29 Issue

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