In Focus

Spotlight on the July 4 issue

Robert A. Gross, MD, PhD, FAAN
Editor-in-Chief, *Neurology*®

Notable in Neurology

This issue features an article detailing a survey focused on the long-term unmet needs in survivors of stroke or TIA; another article presents the association of chronic polyneuropathy with activities of daily living, falls, and gait. A featured review examines the 4th consensus report of the DLB (dementia with Lewy bodies) Consortium.

ARTICLES

Functional network integrity presages cognitive decline in preclinical Alzheimer disease

Using functional connectivity MRI to assess integrity of cortical networks, the authors identified a specific set of networks that predicts cognitive decline among unimpaired older individuals, particularly those with elevated amyloid. These findings suggest

network-based biomarkers can augment markers of molecular pathology in identifying individuals at risk for Alzheimer-related cognitive decline.

See p. 29

Disconnection as a mechanism for social cognition impairment in multiple sclerosis

This article elucidates the neural basis of social cognition impairment in patients with multiple sclerosis, specifically on theory-of-mind tasks. Normal-appearing white matter damage, measured by diffusion tensor imaging, contributed to this impairment. The microstructural damage of white matter tracts may cause a functional disconnection within the social brain network.

See p. 38

From editorialists Cotter & Muhlert: "These findings converge with earlier studies to suggest a social network in the brain, which may be vulnerable to MS pathology, even at relatively early stages of the disease."

See p. 16

Intake of dairy foods and risk of Parkinson disease

The association between dairy products and incidence of Parkinson disease was studied within 2 large prospective cohort studies. The results suggested that men and women who consume higher amounts of certain dairy products, particularly low-fat and skim milk, have a modest increased risk of Parkinson disease.

See p. 46

Tenecteplase in ischemic stroke offers improved recanalization: Analysis of 2 trials

The authors pooled data from 2 trials comparing the newer IV thrombolytic tenecteplase to alteplase for acute ischemic stroke. Tenecteplase was identified as more effective at recanalizing an occluded vessel, and safer, as tenecteplase was associated with reduced intracranial bleeding and mortality.

See p. 62

NB: "Physical activity monitoring: A promising outcome measure in idiopathic inflammatory myopathies," p. 101. To check out other Clinical/Scientific Notes, point your browser to Neurology.org. At the end of the issue, check out the NeuroImage illustrating proatlantal intersegmental artery with internal carotid artery stenosis. This week also includes a Historical Neurology article titled "The botulinum toxin legend of Reinhard Heydrich's death: The end of 'Himmler's brain.'"

Neurology®

Spotlight on the July 4 issue

Robert A. Gross

Neurology 2017;89;1

DOI 10.1212/WNL.0000000000004073

This information is current as of July 3, 2017

Updated Information & Services

including high resolution figures, can be found at:
<http://n.neurology.org/content/89/1/1.full>

Citations

This article has been cited by 6 HighWire-hosted articles:
<http://n.neurology.org/content/89/1/1.full##otherarticles>

Permissions & Licensing

Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

Reprints

Information about ordering reprints can be found online:
<http://n.neurology.org/subscribers/advertise>

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2017 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.