



Select figures listed on the Table of Contents only appear within the full-length articles online.

In Focus

- 547 **Spotlight on the March 19 issue**
- 548 **This Week's Neurology® Podcast**

Editorials

- 549 **A SNP-it of stroke outcome**
G.C. Jickling and S.J. Kittner
- 551 **The time for multiple biomarkers in studies of cognitive aging and dementia is now**
J.A. Schneider and A. Viswanathan
- 553 **Vitamin D: A novel protective factor for delirium?**
S.C. Larsson and L. Flicker

Articles: Short Format

Full articles at Neurology.org/N

- 555 **Genome-wide association meta-analysis of functional outcome after ischemic stroke**
M. Söderholm, A. Pedersen, E. Lorentzen, T.M. Stanne, S. Bevan, M. Olsson, J.W. Cole, I. Fernandez-Cadenas, G.J. Hankey, J. Jimenez-Conde, K. Jood, J.-M. Lee, R. Lemmens, C. Levi, B.D. Mitchell, B. Norrving, K. Rannikmäe, N.S. Rost, J. Rosand, P.M. Rothwell, R. Scott, D. Strbian, J.W. Sturm, C. Sudlow, M. Traylor, V. Thijs, T. Tatlisumak, D. Woo, B.B. Worrall, J.M. Maguire, A. Lindgren, and C. Jern, on behalf of the International Stroke Genetics Consortium, the NINDS-SiGN Consortium, and the Genetics of Ischaemic Stroke Functional Outcome (GISCOME) Network
➔ Editorial, p. 549 Open Access Article
- 556 **Blood pressure variability and brain morphology in elderly women without cardiovascular disease**
B. Haring, J. Liu, E. Salmoirago-Blotcher, K.M. Hayden, G. Sarto, J. Roussouw, L.H. Kuller, S.R. Rapp, and S. Wassertheil-Smoller
- 557 **WMH and long-term outcomes in ischemic stroke: A systematic review and meta-analysis**
M.K. Georgakis, M. Duering, J.M. Wardlaw, and M. Dichgans
- 558 **Perivascular spaces contribute to cognition beyond other small vessel disease markers**
B.S. Passiak, D. Liu, H.A. Kresge, F.E. Cambronero, K.R. Pechman, K.E. Osborn, K.A. Gifford, T.J. Hohman, M.S. Schrag, L.T. Davis, and A.L. Jefferson
➔ Editorial, p. 551
- 559 **Cognitive and physical activity and dementia: A 44-year longitudinal population study of women**
J. Najar, S. Östling, P. Gudmundsson, V. Sundh, L. Johansson, S. Kern, X. Guo, T. Hällström, and I. Skoog
Open Access Article
- 560 **Microglial activation in early Alzheimer trajectory is associated with higher gray matter volume**
G.D. Femminella, M. Dani, M. Wood, Z. Fan, V. Calsolaro, R. Atkinson, T. Edginton, R. Hinz, D.J. Brooks, and P. Edison
Open Access Article
- 561 **Impaired insulin sensitivity is associated with worsening cognition in HIV-infected patients**
S.S. Khuder, S. Chen, S. Letendre, T. Marcotte, I. Grant, D. Franklin, L.H. Rubin, J.B. Margolick, L.P. Jacobson, N. Sacktor, G. D'Souza, V. Stosor, J.E. Lake, G. Rapocciolo, J.C. McArthur, A.M. Dickens, and N.J. Haughey

➔ Ahead of Print Articles and Editorials

NPub.org/aheadofprint

Continued

562 **The under-acknowledged PPA-ALS: A unique clinicopathologic subtype with strong heritability**

R.H. Tan, B. Guennevig, C. Dobson-Stone, J.B.J. Kwok, J.J. Kril, M.C. Kiernan, J.R. Hodges, O. Piguet, and G.M. Halliday

563 **In vivo evidence of remote neural degeneration in the lumbar enlargement after cervical injury**

G. David, M. Seif, E. Huber, M. Hupp, J. Rosner, V. Dietz, N. Weiskopf, S. Mohammadi, and P. Freund
Open Access Article

564 **Comment: MRI provides insights into remote degeneration after cervical cord injury**

J.H. Huang and X. Qi

565 **Long-term efficacy of deep brain stimulation for essential tremor: An observer-blinded study**

S. Paschen, J. Forstenpointner, J. Becktepe, S. Heinzl, H. Hellriegel, K. Witt, A.-K. Helmers, and G. Deuschl

📍 CME Course 📍 Class of Evidence

566 **Vitamin D levels and risk of delirium: A mendelian randomization study in the UK Biobank**

K. Bowman, L. Jones, L.C. Pilling, J. Delgado, G.A. Kuchel, L. Ferrucci, R.H. Fortinsky, and D. Melzer

📍 CME Course 📍 Editorial, p. 553 Open Access Article

What's Happening

567 **What's Happening in *Neurology*[®] Genetics**

Clinical Implications of Neuroscience Research

568 **Neuro-oncology: Implications of the molecular era**

M.W. Ruff, J.H. Uhm, and E.E. Benarroch

Historical Neurology

575 **Pavlov, Penfield, and the physiology of the mind**

R. Leblanc

Resident & Fellow Section

579 **Global & Community Health: A perspective on neurologic care at Mulago Hospital in Uganda**

M.M. Diaz

e1395 **Clinical Reasoning: A 58-year-old man with distal hand weakness**

V. Vacchiano, V. Di Stasi, V. Donadio, C. Sturiale, and R. Liguori

e1401 **Teaching NeuroImages: Intracranial malignant triton tumor: An uncommon location of a rare tumor**

A.B. Dias, E. Cambruzzi, C.S. Giugno, R. Miranda de Curtis, L.L. Faria do Amaral, and R. Lenhardt

e1403 **Teaching NeuroImages: Neuromyopathy in a patient with hereditary transthyretin Thr60Ala amyloidosis**

M.V. Pinto, J.A. Tracy, M. Grogan, and M.L. Mauer mann

Global Perspectives

582 **An international exchange observership at Yale University: A Ugandan physician experience**

A.K. Musubire

Disputes & Debates: Editors' Choice

585 **Editors' note: Rare side effects of alemtuzumab remind us of the need for postmarketing surveillance**

J.E. Siegler III and S. Galetta

585 **Reader response: Rare side effects of alemtuzumab remind us of the need for postmarketing surveillance**

D.J. Whiteside and S.A. Trip

586 **Author response: Rare side effects of alemtuzumab remind us of the need for postmarketing surveillance**

P.A. Muraro, N.J. Scolding, and R.J. Fox

586 **Editors' note: Gray matter volume modifications in migraine: A cross-sectional and longitudinal study**

J.E. Siegler III and S. Galetta

587 **Reader response: Gray matter volume modifications in migraine: A cross-sectional and longitudinal study**

V.K. Gupta

587 **Author response: Gray matter volume modifications in migraine: A cross-sectional and longitudinal study**

M. Filippi, R. Messina, P.J. Goadsby, and M.A. Rocca

Department

In the Next Issue of *Neurology*[®]



📍 **Cover image**

Amyloid deposits in skeletal muscle and skin viewed under rhodamine optics in a patient with hATTR amyloidosis.

See page e1403