



In Focus

- 149 Spotlight on the January 23 issue
 150 This Week's *Neurology®* Podcast

Editorials

- 151 CSF microRNA in patients with Huntington disease
 D.O. Claassen and D. Torres-Russotto
 153 In large vessel occlusive stroke, time is brain... but collaterals are time
 A. de Havenon and A.M. Southerland
 155 Genetic testing to prevent adverse reactions to antiepileptic drugs: Primum non nocere
 R. Guerrini and E. Perucca

Articles: Short Format

[Full articles at Neurology.org/N](#)

- 157 MicroRNAs in CSF as prodromal biomarkers for Huntington disease in the PREDICT-HD study
 E.R. Reed, J.C. Latourelle, J.H. Bockholt, J. Bregu, J. Smock, J.S. Paulsen, R.H. Myers, The PREDICT-HD CSF ancillary study investigators
 Open Access Article Editorial, p. 151
- 158 CSF neurofilament light chain and phosphorylated tau 181 predict disease progression in PSP
 J.C. Rojas, J. Bang, I.V. Lobach, R.M. Tsai, G.D. Rabinovici, B.L. Miller, A.L. Boxer, On behalf of AL-108-231 Investigators
- 159 Associations between [¹⁸F]AV1451 tau PET and CSF measures of tau pathology in a clinical sample
 R. La Joie, A. Bejanin, A.M. Fagan, N. Ayakta, S.L. Baker, V. Bourakova, A.L. Boxer, J. Cha, A. Karydas, G. Jerome, A. Maass, A. Mensing, Z.A. Miller, J.P. O'Neil, J. Pham, H.J. Rosen, R. Tsai, A.V. Visani, B.L. Miller, W.J. Jagust, and G.D. Rabinovici
- 160 Circulating insulin-like growth factors and Alzheimer disease: A mendelian randomization study
 D.M. Williams, I.K. Karlsson, N.L. Pedersen, and S. Hägg
 Open Access Article
- 161 Differences in risk factors for 3 types of stroke: UK prospective study and meta-analyses
 A.J. Price, F.L. Wright, J. Green, A. Balkwill, S.W. Kan, T.O. Yang, S. Floud, M.E. Kroll, R. Simpson, C.L.M. Sudlow, V. Beral, and G.K. Reeves
 Open Access Article
- 162 Neurocognitive functioning and cerebrovascular reactivity after carotid endarterectomy
 S. Lattanzi, L. Carbonari, G. Pagliaricchio, M. Bartolini, C. Cagnetti, G. Viticchi, L. Buratti, L. Provinciali, and M. Silvestrini
- 163 Collateral response modulates the time–penumbra relationship in proximal arterial occlusions
 S. Agarwal, A. Bivard, E. Warburton, M. Parsons, and C. Levi
 Podcast Editorial, p. 153
- 164 Unaffected mosaic *C9orf72* case: RNA foci, dipeptide proteins, but upregulated *C9orf72* expression
 P. McGoldrick, M. Zhang, M. Blitterswijk, C. Sato, D. Moreno, S. Xiao, A.B. Zhang, P.M. McKeever, A. Welchert, R. Schneider, J. Keith, L. Petrucci, R. Rademakers, L. Zinman, J. Robertson, and E. Rogeava
 Open Access Article

Ahead of Print Articles and Editorials

[NPub.org/aheadofprint](#)

Continued

- 165 Genetic variation in CFH predicts phenytoin-induced maculopapular exanthema in European-descent patients**

M. McCormack, H. Gul, A. Ingason, D. Speed, G.E.B. Wright, J.E. Zhang, R. Secolin, C. Yasuda, M. Kwok, S. Wolking, F. Becker, S. Rau, A. Avbersek, K. Heggen, C. Leu, C. Depondt, G.J. Sills, A.G. Marson, P. Auce, M.J. Brodie, B. Francis, M.R. Johnson, B.P.C. Koelman, P. Striano, A. Coppola, F. Zara, W.S. Kunz, J.W. Sander, H. Lerche, K.M. Klein, S. Weckhuysen, M. Krenn, L.J. Gudmundsson, K. Stefansson, R. Krause, N. Shear, C.J.D. Ross, N. Delanty, for the EPIGEN Consortium, M. Pirmohamed, B.C. Carleton, for the Canadian Pharmacogenomics Network for Drug Safety, F. Cendes, I. Lopes-Cendes, W.-p. Liao, T.J. O'Brien, S.M. Sisodiya, for the EpiPGX Consortium, S. Cherny, P. Kwan, L. Baum, for the International League Against Epilepsy Consortium on Complex Epilepsies, and G.L. Cavalieri

Open Access Article  Editorial, p. 155

- 166 Topiramate use early in pregnancy and the risk of oral clefts: A pregnancy cohort study**

S. Hernandez-Diaz, K.F. Huybrechts, R.J. Desai, J.M. Cohen, H. Mogun, P.B. Pennell, B.T. Bateman, and E. Patorno

 CME Course

Views & Reviews

- 167 Ophthalmoscopy in the 21st century: The 2017 H. Houston Merritt Lecture**

V. Blousse, B.B. Bruce, and N.J. Newman

Medical Hypothesis

- 176 Neurotoxic chemicals in adipose tissue: A role in puzzling findings on obesity and dementia**

D.-H. Lee, M. Porta, L. Lind, P.M. Lind, and D.R. Jacobs, Jr.

Clinical/Scientific Notes

- 183 Morvan syndrome associated with CASPR2 and LGI1 antibodies in a child**

M. Nikolaus, S. Jackowski-Dohrmann, H. Prüss, M. Schuelke, and E. Knierim

 CME Course

Reflections: Neurology and the Humanities

- 186 A letter to a rat from a medical student**

A.L.A. Garton

 Audio

NeuroImages

- 188 Ophthalmic artery MRI in an arteritis-related central retinal artery occlusion**

D. Weisenburger-Lille, M. Obadia, A. Cahuzac, and A. Lecler

Resident & Fellow Section

- 190 Clinical Reasoning: A 60-year-old man with arm weakness and numbness**

L.A. Foster, A.A. Amato, and A.L. Berkowitz

- e352 Pearls & Oy-sters: Positional vertigo and vertical nystagmus in medulloblastoma: A picture is worth a thousand words**

M. Kronenbuerger, A. Olivi, and D.S. Zee

 Video

- e355 Teaching NeuroImages: Visual loss as a rare complication of mechanical thrombectomy**

M. Bolognese, A. von Hessling, and F. Jordi

- e357 Teaching NeuroImages: A diffuse infiltrating retinoblastoma**

C. Friang, G. Caputo, P. Freneaux, and A. Lecler

Disputes & Debates: Editors' Choice

- 197 Editors' note: Blood pressure reduction and noncontrast CT markers of intracerebral hemorrhage expansion**

M. Alcauskas and S. Galetta

- 198 Reader response: Blood pressure reduction and noncontrast CT markers of intracerebral hemorrhage expansion**

S. Lattanzi and M. Silvestrini

- 199 Author response: Blood pressure reduction and noncontrast CT markers of intracerebral hemorrhage expansion**

A. Morotti, J. Rosand, and J.N. Goldstein

- 200 Editors' note: Effects of increasing IV tPA-treated stroke mimic rates at CT-based centers on clinical outcomes**

M. Alcauskas and S. Galetta

- 201 Reader response: Effects of increasing IV tPA-treated stroke mimic rates at CT-based centers on clinical outcomes**

K. Uchino

- 202 Author response: Effects of increasing IV tPA-treated stroke mimic rates at CT-based centers on clinical outcomes**

A.W. Hsia and T.M. Burton

Correction

- 200 Assessing structure and function of myelin in cervical spondylotic myelopathy: Evidence of demyelination**

Department

In the Next Issue of Neurology®



 Cover image

Histology showing a diffuse infiltrating retinoblastoma.

See page e357