

# Neurology<sup>®</sup>

## Table of Contents

Volume 85, Number 1, July 7, 2015

Neurology.org

THE MOST WIDELY READ AND HIGHLY CITED PEER-REVIEWED  
NEUROLOGY JOURNAL



### IN FOCUS

- 1 Spotlight on the July 7 Issue
- 28 This Week's *Neurology*<sup>®</sup> Podcast

### ACKNOWLEDGMENT TO REVIEWERS

- 2 Message from the Editors to our Reviewers  
*R.A. Gross, D.S. Knopman, A.A. Amato, G.D. Cascino,  
O. Ciccarelli, J.R. Corboy, J.O. Dalmau, M.S.V. Elkind,  
J.W. Mink, R.J. Uitti, and B.B. Worrall*

### EDITORIALS

- 10 Style, spin, and science  
*R.A. Gross*
- 12 Meningeal inflammation in multiple sclerosis: The key  
to the origin of cortical lesions?  
*C. Mainero and C. Louapre*
- 14 Natalizumab to fingolimod: Questions answered,  
unanswered, and unasked  
*O. Stüve and D. Bourdette*
- 16 Network signatures of age-related cognitive decline  
*R.D. Stevens and Y. Hannawi*

### ARTICLES

- 18 Gadolinium-based MRI characterization of  
leptomeningeal inflammation in multiple  
sclerosis  
*M. Absinta, L. Vuola, A. Rao, G. Nair, P. Sati,  
I.C.M. Cortese, J. Ohayon, K. Fenton,  
M.I. Reyes-Mantilla, D. Maric, P.A. Calabresi,  
J.A. Butman, C.A. Pardo, and D.S. Reich*  
 Editorial, p. 12
- 29 Switching from natalizumab to fingolimod:  
A randomized, placebo-controlled study  
in RRMS  
*L. Kappos, E.-W. Radue, G. Comi, X. Montalban,  
H. Butzkueven, H. Wiendl, G. Giovannoni,  
H.-P. Hartung, T. Derfuss, Y. Naegelin, T. Sprenger,  
N. Mueller-Lenke, S. Griffiths, P. von Rosenstiel,  
R. Gottschalk, Y. Zhang, F. Dahlke, and D. Tomic,  
on behalf of the TOFINO study group*  
 Editorial, p. 14

- 40 Altered lysosomal proteins in neural-derived plasma  
exosomes in preclinical Alzheimer disease  
*E.J. Goetzl, A. Boxer, J.B. Schwartz, E.L. Abner,  
R.C. Petersen, B.L. Miller, and D. Kapogiannis*
- 48 Cognitive activity relates to cognitive performance but  
not to Alzheimer disease biomarkers  
*C.M. Gidicsin, J.E. Maye, J.J. Locascio, L.C. Pepin,  
M. Philiossaint, J.A. Becker, A.P. Younger, M. Dekhtyar,  
A.P. Schultz, R.E. Amariglio, G.A. Marshall, D.M. Rentz,  
T. Hedden, R.A. Sperling, and K.A. Johnson*
- 56 Subjective cognitive concerns, amyloid- $\beta$ , and  
neurodegeneration in clinically normal elderly  
*R.E. Amariglio, E.C. Mormino, A.C. Pietras, G.A. Marshall,  
P. Vannini, K.A. Johnson, R.A. Sperling, and D.M. Rentz*
- 63 Clinical effect of white matter network disruption  
related to amyloid and small vessel disease  
*H.J. Kim, K. Im, H. Kwon, J.-M. Lee, C. Kim, Y.J. Kim,  
N.-Y. Jung, H. Cho, B.S. Ye, Y. Noh, G.H. Kim, E.-D. Ko,  
J.S. Kim, Y.S. Choe, K.H. Lee, S.T. Kim, J.H. Lee,  
M. Ewers, M.W. Weiner, D.L. Na, and S.W. Seo*  
Editorial, p. 16
- 71 Longitudinal patient-oriented outcomes in neuropathy:  
Importance of early detection and falls  
*B. Callaghan, K. Kerber, K.M. Langa, M. Banerjee,  
A. Rodgers, R. McCammon, J. Burke, and E. Feldman*
- 80 ADCY5 mutations are another cause of benign  
hereditary chorea  
*N.E. Mencacci, R. Erro, S. Wiethoff, J. Hersheson,  
M. Ryten, B. Balint, C. Ganos, M. Stamelou, N. Quinn,  
H. Houlden, N.W. Wood, and K.P. Bhatia*
- 89 Age-specific penetrance of LRRK2 G2019S  
in the Michael J. Fox Ashkenazi Jewish LRRK2  
Consortium  
*K. Marder, Y. Wang, R.N. Alcalay, H. Mejia-Santana,  
M.-X. Tang, A. Lee, D. Raymond, A. Mirelman,  
R. Saunders-Pullman, L. Clark, L. Ozelius,  
A. Orr-Urtreger, N. Giladi, and S. Bressman, for the  
LRRK2 Ashkenazi Jewish Consortium*

CONTINUED

# Neurology<sup>®</sup>

## Table of Contents

*continued*



### VIEWS & REVIEWS

- 96 The preclinical stage of spinocerebellar ataxias  
*R.P.P.W.M. Maas, J. van Gaalen, T. Klockgether, and B.P.C. van de Warrenburg*

### CLINICAL/SCIENTIFIC NOTES

- 104 Clinical and immunologic effects of maraviroc in progressive multifocal leukoencephalopathy  
*A. Middel, J.E. Arends, S.F.L. van Lelyveld, S. Otto, R. Schuurman, C.J.M. Frijns, K. Tesselaar, and A.I.M. Hoepelman*

### NEUROIMAGES

- 107 Retinal and intracranial hemorrhage in acute leukemic disseminated intravascular coagulation  
*D.T. Ginat and G.A. Christoforidis*

### VIDEO NEUROIMAGES

- 109 Pulse-synchronous pendular nystagmus following cholesteatoma surgery  
*K.-J. Streitberger, M. Khan, and C.J. Ploner*

### RESIDENT & FELLOW SECTION

- e1 Teaching *NeuroImages*: Isolated peripheral facial palsy due to ipsilateral pontine infarction  
*S.-i. Oh, E.-G. Kim, H.W. Jeong, and S.J. Kim*
- e3 Teaching *NeuroImages*: Superior divisional oculomotor nerve palsy due to orbital lymphoma  
*S.-H. Park, S.-H. Kim, J.-Y. Choe, J.H. Paik, and J.-S. Kim*

- e5 Teaching *NeuroImages*: Fetal deep medullary vein thrombosis presenting as progressive intracerebral hemorrhage  
*R. Konanki, D.R. Varma, C. Ratha, L. Lingappa, and N. Shah*

### WRITECLICK<sup>®</sup> EDITOR'S CHOICE

- 110 Early symptom burden predicts recovery after sport-related concussion  
*I.R. Casson, N.K. Sethi; Author Response: W.P. Meehan III*

### CORRECTIONS

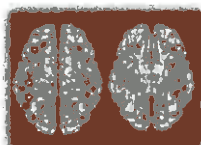
- 111 vCJD in the United States - Analysis of 4 Cases (P2.329)
- 111 Induced Normothermia in Severe Traumatic Brain Injury Patients (P7.168)
- 111 Safety and Effectiveness of Lacosamide as Adjunctive Treatment for Partial-onset Seizures (POS) in Hispanic/Latino Patients from Mexico: Post-hoc Analysis of an Open-label Trial (P4.265) and Safety and Effectiveness of Lacosamide as a First Add-on (FAO) or Later Add-on (LAO) Treatment of Partial-onset Seizures (POS) in Adults: an Open-label Trial (P4.262)

### DEPARTMENT

In the Next Issue of *Neurology*<sup>®</sup>

Podcast at [Neurology.org](http://Neurology.org) CME Video Patient Page LOE classification LOE recommendation

Find us on Facebook [tinyurl.com/neurologyfan](http://tinyurl.com/neurologyfan) twitter [twitter.com/GreenJournal](http://twitter.com/GreenJournal)



**Cover image:** Topography of nodal efficiency related to white matter hyperintensities. See page 63.

Look for **Publish Ahead of Print** articles and editorials under the Ahead of Print tab at [Neurology.org](http://Neurology.org)