

Neurology[®]

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NEUROLOGY JOURNAL




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- 1931 Spotlight on the May 24 Issue
1991 This Week's *Neurology*[®] Podcast

EDITORIALS

- 1932 Refractory epilepsy is a life-threatening disease:
Lest we forget
N. Jette and J. Engel, Jr.
- 1934 Bringing posttraumatic sleep-wake disorders out of
the dark
B.L. Edlow and G.J. Lammers
- 1936 Cerebral autoregulation in acute SAH: The more we
know the better?
M. Reinhard and G.L. Bernardini

ARTICLES

- 1938 A reappraisal of mortality after epilepsy surgery
*M.R. Sperling, S. Barshow, M. Nei, and
A.A. Asadi-Pooya*
Editorial, p. 1932
- 1945 Sleep-wake disorders persist 18 months after
traumatic brain injury but remain underrecognized
*L.L. Imbach, F. Büchele, P.O. Valko, T. Li, A. Maric,
J.F. Stover, C.L. Bassetti, L. Mica, E. Werth, and
C.R. Baumann*
 Editorial, p. 1934
- 1950 Pathophysiologic differences in cerebral
autoregulation after subarachnoid hemorrhage
*G.A. Santos, N. Petersen, A.A. Zamani, R. Du,
S. LaRose, A. Monk, F.A. Sorond, and C.O. Tan*
Editorial, p. 1936
- 1957 Non-moyamoya vessel network formation along
steno-occlusive middle cerebral artery
*Y.-Y. Xu, M.-L. Li, S. Gao, B. Hou, Z.-Y. Sun, H.-L. Zhou,
F. Feng, and W.-H. Xu*
- 1962 Comment: Implications of non-moyamoya vessel
formation in MCA steno-occlusive disease
R.M. Starke

- 1964 Distinct molecular mechanisms of *HTRA1* mutants in
manifesting heterozygotes with CARASIL
*H. Nozaki, T. Kato, M. Nihonmatsu, Y. Saito,
I. Mizuta, T. Noda, R. Koike, K. Miyazaki, M. Kaito,
S. Ito, M. Makino, A. Koyama, A. Shiga, M. Uemura,
Y. Sekine, A. Murakami, S. Moritani, K. Hara,
A. Yakoseki, R. Kuwano, N. Endo, T. Momotsu,
M. Yoshida, M. Nishizawa, T. Mizuno, and
O. Onodera*
- 1972 Comment: Autosomal dominant small vessel disease
due to heterozygous *HTRA1* mutations
M. Ihara
- 1975 Restriction of therapy mainly explains lower
thrombolysis rates in reduced stroke service
levels
*C. Gumbinger, B. Reuter, W. Hacke, T. Sauer, I. Bruder,
C. Diehm, H. Wiethölter, K. Schoser, M. Daffertshofer,
S. Neumaier, E. Drewitz, S. Rode, R. Kern,
M.G. Hennerici, C. Stock, and P. Ringleb*
- 1981 Comment: Well-organized stroke service reduces the
burden of stroke
M. Kaste
- 1984 Natural history of cavernous malformation: Systematic
review and meta-analysis of 25 studies
*S. Taslimi, A. Modabbernia, S. Amin-Hanjani,
F.G. Barker II, and R.L. Macdonald*

- 1992 Effect of two 12-minute culturally targeted films on
intent to call 911 for stroke
*O. Williams, E. Leighton-Herrmann, A. DeSorbo,
J. Eimicke, A. Abel-Bey, L. Valdez, J. Noble, M. Gordillo,
J. Ravenell, M. Ramirez, J.A. Teresi, G. Jean-Louis, and
G. Ogedegbe*
- 1996 Impaired renal function is associated with brain atrophy
and poststroke cognitive decline
*E. Auriel, E. Kliper, S. Shenhar-Tsarfaty, J. Molad,
S. Berliner, I. Shapira, D. Ben-Bashat, L. Shopin,
O. Tene, G.A. Rosenberg, N.M. Bornstein, and
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2006 Brain reserve against physical disability progression over 5 years in multiple sclerosis
J.F. Sumowski, M.A. Rocca, V.M. Leavitt, A. Meani, S. Mesaros, J. Drulovic, P. Preziosa, C.G. Habeck, and M. Filippi

2010 A comparison of current serum biomarkers as diagnostic indicators of mitochondrial diseases
R.L. Davis, C. Liang, and C.M. Sue



2016 Loss of function of PCDH12 underlies recessive microcephaly mimicking intrauterine infection
A. Aran, N. Rosenfeld, R. Jaron, P. Renbaum, S. Zuckerman, H. Fridman, S. Zeligson, R. Segel, Y. Kohn, L. Kamal, M. Kanaan, Y. Segev, E. Mazaki, R. Rabinowitz, O. Shen, M. Lee, T. Walsh, M.C. King, S. Gulsuner, and E. Levy-Lahad

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e222 Emerging Subspecialties in Neurology: Neuro-ophthalmology
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WRITECLICK® EDITOR'S CHOICE

2025 Chikungunya virus-associated encephalitis: A cohort study on La Réunion Island, 2005–2009
J.R.M. Oliveira; Author Response: P. Gérardin, T. Couderc, H. Randrianaivo, X. Fritel, M. Lecuit

2026 No association of multiple sclerosis activity and progression with EBV or tobacco use in BENEFIT
A. Sena, C. Capela, V. Ferret-Sena; Author Response: K.L. Munger, A. Ascherio, G. Suarez

DEPARTMENT

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Cover image: Coronal section of the frontal lobe stained with Luxol fast blue from a manifesting heterozygote with CARASIL. See page 1964.

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