

**Editorial**

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IS80 Can we use regional grey matter atrophy sequence to stage neurodegeneration in multiple sclerosis? B. Stankoff and C. Louapre

IS83 Synaptic assays: using biophysical models to infer neuronal dysfunction from non-invasive EEG. J. A. Roberts and M. Breakspear

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IS89 Chasing the start of sporadic Alzheimer's disease running in families. B. M. Tijms and P. J. Visser

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**Original Articles**

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IS22 Mutations in COA7 cause spinocerebellar ataxia with axonal neuropathy. Y. Higuchi, R. Okunishi, T. Hara, et al.

IS37 Spatiotemporal distribution of fibrinogen in marmoset and human inflammatory demyelination. N. J. Lee, S.-K. Ha, P. Sati, et al.

IS50 Multiple sclerosis lesions affect intrinsic functional connectivity of the spinal cord. B. N. Conrad, R. L. Barry, B. P. Rogers, et al.

- 1665 Progression of regional grey matter atrophy in multiple sclerosis. A. Eshaghi, R. V. Marinescu, A. L. Young, et al.
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- 1703 De novo mutations of the ATP6VIA gene cause developmental encephalopathy with epilepsy. A. Fassio, A. Esposito, M. Kato, et al.
- 1719 The ventrolateral medulla and medullary raphe in sudden unexpected death in epilepsy. S. Patodia, A. Somani, M. O'Hare, et al.
- 1734 The negative ultraslow potential, electrophysiological correlate of infarction in the human cortex. J. Lückl, C. L. Lemiale, V. Kola, et al.
- 1753 Mutant LRRK2 mediates peripheral and central immune responses leading to neurodegeneration *in vivo*. E. Kozina, S. Sadashivan, Y. Jiao, et al.
- 1770 Cerebello-cortical network fingerprints differ between essential, Parkinson's and mimicked tremors. M. Muthuraman, J. Raethjen, N. Korala, et al.
- 1782 Targeting Gpr52 lowers mutant HTT levels and rescues Huntington's disease-associated phenotypes. H. Song, H. Li, S. Guo, et al.
- 1799 Retraining speech production and fluency in non-fluent/grammatical primary progressive aphasia. M. L. Henry, H. I. Hubbard, S. M. Grasso, et al.
- 1815 Time for a quick word? The striking benefits of training speed and accuracy of word retrieval in post-stroke aphasia. P. Conroy, C. Sotiropoulou, Drosopoulou, G. F. Humphreys, et al.
- 1828 Longitudinal brain imaging in preclinical Alzheimer disease: impact of APOE ε4 genotype. S. Mishra, T. M. Blozey, D. M. Holtzman, et al.
- 1840 Cognitive correlates of α4β2 nicotinic acetylcholine receptors in mild Alzheimer's dementia. O. Sabri, P. M. Meyer, S. Graf, et al.
- 1855 Distinct dynamic profiles of microglial activation are associated with progression of Alzheimer's disease. L. Hamelein, J. Lagarde, G. Dorothée, et al.
- 1871 Brain properties predict proximity to symptom onset in sporadic Alzheimer's disease. J. W. Vogel, E. Vachon-Presseau, A. Pichet Binette, et al.

**Dorsal column****Book review**

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e47 Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. C. Tuleasca, J. Régis, E. Najdenovska, et al.

e48 Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. D. B. Archer, S. A. Coombes, W. T. Chu, et al.

e49 ATAD1 encephalopathy and stiff baby syndrome: a recognizable clinical presentation. N. I. Wolf, J. Zschocke, C. Jakobs, et al.

e50 Reply: ATAD1 encephalopathy and stiff baby syndrome: a recognizable clinical presentation. J. Piard, G. K. Essien-Umanah, F. L. Harris, et al.

