

Editorial

I235 Editorial: D. M. Kullmann

Scientific Commentaries

- I236 The snowball effect of RNA binding protein dysfunction in amyotrophic lateral sclerosis. P. Fratta and A. M. Isaacs
- I239 Functional 'unlocking': bedside detection of covert awareness after severe brain damage. M. Boly and S. Laureys
- I241 Is longitudinal tau PET ready for use in Alzheimer's disease clinical trials? O. Hansson and E. C. Mormino
- I244 Disease progression models for dominantly-inherited Alzheimer's disease. D. Li and M. C. Donohue

Review articles

- I247 Perturbed autophagy and DNA repair converge to promote neurodegeneration in amyotrophic lateral sclerosis and dementia. C. Walker and S. F. El-Khamisy
- I263 Neurotransmitter deficits from frontotemporal lobar degeneration. A. G. Murley and J. B. Rowe

Original Articles

- I286 Mechanistic basis of an epistatic interaction reducing age at onset in hereditary spastic paraparesis. T. Newton, R. Allison, J. R. Edgar, et al.
- I300 Metastatic group 3 medulloblastoma is driven by PRUNE1 targeting NME1-TGF- β -OTX2-SNAIL via PTEN inhibition. V. Ferrucci, P. de Antonellis, F. P. Pennino, et al.
- I320 TDP-43 regulates the alternative splicing of hnRNP A1 to yield an aggregation-prone variant in amyotrophic lateral sclerosis. J.-E. Deshaies, L. Shkreta, A. J. Moszczynski, et al.

- I334 T helper 17:1 cells associate with multiple sclerosis disease activity: perspectives for early intervention. J. van Langelaar, R. M. van der Vuurst de Vries, M. Janssen, et al.
- I350 Protein instability, haploinsufficiency, and cortical hyper-excitability underlie STXBPI encephalopathy. J. Kovacevic, G. Maroteaux, D. Schut, et al.
- I375 Disrupted dynamic network reconfiguration of the language system in temporal lobe epilepsy. X. He, D. S. Bassett, G. Chaitanya, et al.
- I390 KEAP1 inhibition is neuroprotective and suppresses the development of epilepsy. T. Sheikh-Ahmad, R. Eckel, S. Dayalan Naidu, et al.
- I404 Characterization of EEG signals revealing covert cognition in the injured brain. W. H. Curley, P. B. Forgacs, H. U. Voss, et al.
- I422 Artificial limb representation in amputees. F. M. Z. van den Heiligenberg, T. Orlov, S. N. Macdonald, et al.
- I434 The striatal kinase DCLK3 produces neuroprotection against mutant huntingtin. L. Galvan, L. Francelle, M.-C. Gaillard, et al.
- I455 Distinct effects of apathy and dopamine on effort-based decision-making in Parkinson's disease. C. Le Heron, O. Plant, S. Manohar, et al.
- I470 Electromagnetic signatures of the preclinical and prodromal stages of Alzheimer's disease. A. Nakamura, P. Cuesta, A. Fernández, et al.
- I486 Preferential degradation of cognitive networks differentiates Alzheimer's disease from ageing. J. P. Chhatwal, A. P. Schultz, K. A. Johnson, et al.
- I501 Nucleus basalis of Meynert degeneration precedes and predicts cognitive impairment in Parkinson's disease. J. Schulz, G. Pagano, J. A. Fernández Bonfante, et al.
- I517 Longitudinal tau PET in ageing and Alzheimer's disease. C. R. Jack, Jr, H. J. Wiste, C. G. Schwarz, et al.
- I529 Data-driven models of dominantly-inherited Alzheimer's disease progression. N. P. Oxtoby, A. L. Young, D. M. Cash, et al.
- I545 A neurocomputational account of reward and novelty processing and effects of psychostimulants in attention deficit hyperactivity disorder. A. Sethi, V. Voon, H. D. Critchley, et al.
- I558 Altruistic decisions following penetrating traumatic brain injury. J. Moll, R. de Oliveira-Souza, R. Basilio, et al.

Dorsal column**Grey Matter**

- I570 How the coming of the NHS changed British neurology. S. Shorvon

Letters to the Editor

- e36 The recurrent mutation in TMEM106B also causes hypomyelinating leukodystrophy in China and is a CpG hotspot. H. Yan, T. Kubisiek, H. Ji, et al.
- e37 Reply: The recurrent mutation in TMEM106B also causes hypomyelinating leukodystrophy in China and is a CpG hotspot. C. Simons, D. Dyment, M. S. van der Knaap, et al.
- e38 Towards personalized therapy for multiple sclerosis: limitations of observational data. E. W. Steyerberg and B. Cloggett
- e39 Reply: Towards personalized therapy for multiple sclerosis: limitations of observational data. T. Kalinick
- e40 Noisy but not placebo: defining metrics for effects of neurofeedback. M. Witte, S. E. Kober and G. Wood
- e41 Reply: Noisy but not placebo: defining metrics for effects of neurofeedback. M. Schabus
- e42 Corrigenda

